

Produktinformation



Forschungsprodukte & Biochemikalien
Zellkultur & Verbrauchsmaterial
Diagnostik & molekulare Diagnostik
Laborgeräte & Service

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Lieferung & Zahlungsart siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

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Product Information

Goat Anti-Rat IgG (H+L), Whole Antibody, Highly Cross-Adsorbed (min x Bv, Hs, Hu, Rb)

| CF®350347/448 nm20147-150 uLCF®350347/448 nm20147-1mg1 mg (lyophilized)CF®405M408/452 nm20374-50uL500 uLCF®488A408/515 nm20023-150 uLCF®488A490/515 nm20023-1mg1 mg (lyophilized)CF®543541/560 nm20321-150 uLCF®543541/560 nm20321-150 uLCF®555555/565 nm2023-1500 uLCF®568555/565 nm2023-150 uLCF®568562/583 nm2023-150 uLCF®568562/583 nm20096-150 uLCF®568562/583 nm20096-150 uLCF®568562/583 nm20155-150 uLCF®564563/661 nm20155500 uLCF®640R630/650 nm20133-150 uLCF®640R642/662 nm20133-150 uLCF®640R642/662 nm20088-150 uLCF®647650/665 nm20283-150 uL | CF® Dye | Ex/Em | Catalog No. | Size |
|---|---------|------------|-------------|--------------------|
| Image: CF®405M 408/452 nm 20374-50uL 50 uL CF®405M 408/452 nm 20374-50uL 500 uL CF®488A 409/515 nm 20023-1 50 uL CF®488A 490/515 nm 20023-1 500 uL CF®543 541/560 nm 20321-1 50 uL CF®543 541/560 nm 20321-1 500 uL CF®555 555/565 nm 20233-1 500 uL CF®568 555/565 nm 20233-1 500 uL CF®568 562/583 nm 20233-1 500 uL CF®568 562/583 nm 20096-1 500 uL CF®568 562/583 nm 20096-1 500 uL CF®568 562/583 nm 20096-1 500 uL CF®568 562/583 nm 20155-1 50 uL CF®568 563/614 nm 20155-1 50 uL CF®6633 630/650 nm 20133-1 50 uL CF®6640R 642/662 nm 20133-1 50 uL CF®640R 642/662 nm 20283-1 50 uL | CF®350 | 347/448 nm | 20147-1 | 50 uL |
| CF®405M 408/452 nm 20374-50uL 50 uL 20374-50uL 500 uL 20374-50uL 500 uL 20374-1mg 1 mg (lyophilized) 20374-50uL 500 uL 2074-1mg 1 mg (lyophilized) 20023-1 50 uL 2074-500L 20023-1 50 uL 20023-1 CF®488A 490/515 nm 20023-1mg 1 mg (lyophilized) 20521-1 50 uL 20321-1 50 uL CF®543 541/560 nm 20321-1 50 uL 20321-1mg 1 mg (lyophilized) 20321-1 50 uL 20321-1mg 1 mg (lyophilized) 20233-1 50 uL CF®555 555/565 nm 20233-1 50 uL 20233-1 CF®568 562/583 nm 20096-1 50 uL 20096-1 CF®568 562/583 nm 20096-1 50 uL 20155-1 CF®594 593/614 nm 20155-1 50 uL CF®6633 630/650 nm 20133-1 50 uL CF®6640R 642/662 nm 20088-1 50 uL < | | | 20147 | 500 uL |
| CF®405M 408/452 nm 20374-500uL 500 uL 20374-500uL 500 uL 20374-500uL 500 uL 2074-1mg 1 mg (lyophilized) 20023-1 500 uL 20874-500uL 20023 500 uL 20023-1 500 uL 20023-1mg 1 mg (lyophilized) 20023-1mg 1 mg (lyophilized) 2066543 541/560 nm 20321-1 50 uL 20321-1 CF®543 541/560 nm 20321-1 50 uL 20321-1 CF®555 555/565 nm 20233-1 50 uL 20233-1 CF®568 555/565 nm 20233-1mg 1 mg (lyophilized) CF®568 562/583 nm 20096-1 50 uL CF®568 562/583 nm 20096-1 50 uL CF®5694 593/614 nm 20155-1 50 uL CF®594 593/614 nm 20155-1 50 uL CF®6633 630/650 nm 20133-1 50 uL CF®6647 642/662 nm 20088-1 50 uL CF®647 650/665 nm 20283-1 | | | 20147-1mg | 1 mg (lyophilized) |
| CF®488A 490/515 nm 20023-1 50 uL CF®488A 490/515 nm 20023-1 50 uL CF®543 541/560 nm 20321-1 50 uL CF®543 541/560 nm 20321-1 50 uL CF®555 555/565 nm 2023-1 50 uL CF®558 555/565 nm 2023-1 50 uL CF®568 562/583 nm 20233-1 50 uL CF®568 562/583 nm 20096-1 50 uL CF®568 562/583 nm 20096-1 50 uL CF®568 562/583 nm 20096-1 50 uL CF®5694 593/614 nm 20155-1 50 uL CF®594 593/614 nm 20155-1 50 uL CF®6633 630/650 nm 20133-1 50 uL CF®6640R 630/650 nm 20133-1 50 uL CF®640R 642/662 nm 20088-1 50 uL CF®647 650/665 nm 20283-1 50 uL | | 408/452 nm | 20374-50uL | 50 uL |
| CF®488A 490/515 nm 20023-1 50 uL CF®543 541/560 nm 20321-1 50 uL CF®543 541/560 nm 20321-1 50 uL CF®543 541/560 nm 20321-1 50 uL CF®555 555/565 nm 20233-1 50 uL CF®558 555/565 nm 20233-1 50 uL CF®558 555/565 nm 20233-1 50 uL CF®568 562/583 nm 20096-1 50 uL CF®568 562/583 nm 20096-1 50 uL CF®5694 562/583 nm 20096-1 50 uL CF®594 593/614 nm 20155-1 50 uL CF®6594 593/614 nm 20155-1 50 uL CF®640R 630/650 nm 20133-1 50 uL CF®640R 630/650 nm 20133-1 50 uL CF®640R 642/662 nm 20088-1 50 uL CF®640R 642/662 nm 20088-1 50 uL CF®647 650/665 nm 20283-1 50 uL | CF®405M | | 20374-500uL | 500 uL |
| CF®488A 490/515 nm 20023 500 uL 20023-1mg 1 mg (lyophilized) 20023-1mg 1 mg (lyophilized) CF®543 541/560 nm 20321-1 50 uL 20321-1 CF®543 541/560 nm 20321-1 mg 1 mg (lyophilized) CF®555 555/565 nm 20233-1 50 uL CF®568 555/565 nm 20233-1 mg 1 mg (lyophilized) CF®568 562/583 nm 20096-1 mg 50 uL CF®568 562/583 nm 20096-1 mg 1 mg (lyophilized) CF®594 593/614 nm 20155-1 50 uL 20155-1 CF®6633 630/650 nm 20133-1 50 uL CF®6634 630/650 nm 20133-1 50 uL CF®6640R 642/662 nm 20088-1 50 uL CF®640R 642/662 nm 20088-1 50 uL CF®647 650/665 nm 20283-1 50 uL | | | 20374-1mg | 1 mg (lyophilized) |
| CF®543 541/560 nm 20023-1mg 1 mg (lyophilized) CF®543 541/560 nm 20321-1 50 uL CF®554 541/560 nm 20321-1mg 1 mg (lyophilized) CF®555 555/565 nm 20233-1 50 uL CF®556 555/565 nm 20233-1 50 uL CF®568 562/583 nm 20096-1 50 uL CF®568 562/583 nm 20096-1 50 uL CF®568 562/583 nm 20096-1 50 uL CF®594 593/614 nm 20155-1 50 uL CF®6633 630/650 nm 20133-1 50 uL CF®6634 630/650 nm 20133-1 50 uL CF®6640R 642/662 nm 20088-1 50 uL CF®640R 642/662 nm 20088-1 50 uL CF®647 650/665 nm 20283-1 50 uL | | 490/515 nm | 20023-1 | 50 uL |
| CF®543 541/560 nm 20321-1 50 uL CF®553 541/560 nm 20321-1mg 1 mg (lyophilized) CF®555 555/565 nm 20233-1 50 uL CF®555 555/565 nm 20233-1 50 uL CF®556 555/565 nm 20233-1mg 1 mg (lyophilized) CF®568 562/583 nm 20096-1 50 uL CF®568 562/583 nm 20096-1 50 uL CF®568 562/583 nm 20096-1 50 uL CF®594 593/614 nm 20155-1 50 uL CF®633 630/650 nm 20133-1 50 uL CF®640R 630/650 nm 20133-1 50 uL CF®640R 642/662 nm 20088-1 50 uL CF®640R 642/662 nm 20088-1 50 uL CF®647 650/665 nm 20283-1 50 uL | CF®488A | | 20023 | 500 uL |
| CF®543 541/560 nm 20321 500 uL 20321-1mg 1 mg (lyophilized) 20321-1mg 1 mg (lyophilized) CF®555 555/565 nm 20233-1 50 uL 20233-1 CF®555 555/565 nm 20233-1 50 uL 20233-1 CF®558 555/565 nm 20233-1 50 uL 20233-1 CF®568 562/583 nm 20096-1 50 uL 20096-1 CF®568 562/583 nm 20096-1 50 uL 20096-1 CF®594 593/614 nm 20155-1 50 uL 20155-1 CF®633 630/650 nm 20133-1 50 uL 20133-1 CF®640R 630/650 nm 20133-1 50 uL 20133-1 50 uL CF®640R 642/662 nm 20088-1 50 uL 20088-1 50 uL CF®647 650/665 nm 20283-1 50 uL 20283-1 50 uL | | | 20023-1mg | 1 mg (lyophilized) |
| CF®555 555/565 nm 20233-1 50 uL CF®555 555/565 nm 20233-1 50 uL CF®556 555/565 nm 20233-1mg 1 mg (lyophilized) CF®568 562/583 nm 20096-1 50 uL CF®5694 562/583 nm 20096-1mg 1 mg (lyophilized) CF®594 593/614 nm 20155-1 50 uL CF®6633 630/650 nm 20133-1 50 uL CF®6633 630/650 nm 20133-1 50 uL CF®6640R 642/662 nm 20088-1 50 uL CF®640R 642/662 nm 20088-1 50 uL CF®647 650/665 nm 20283-1 50 uL | CF®543 | 541/560 nm | 20321-1 | 50 uL |
| CF®555 555/565 nm 20233-1 50 uL CF®555 555/565 nm 20233 500 uL 20233-1mg 1 mg (lyophilized) 20096-1 50 uL 20096-1mg 1 mg (lyophilized) 20096-1mg 1 mg (lyophilized) 20096-1mg 1 mg (lyophilized) 20155-1 50 uL 20155-1 50 uL 20155-1mg 1 mg (lyophilized) 20133-1 50 uL 20133-1 50 uL 20133-1mg 1 mg (lyophilized) 20088-1 50 uL 20088-1 50 uL 20088-1mg 1 mg (lyophilized) 20283-1 50 uL 20283-1 50 uL | | | 20321 | 500 uL |
| CF®555 555/565 nm 20233 500 uL 20233-1mg 1 mg (lyophilized) 20233-1mg 1 mg (lyophilized) CF®568 562/583 nm 20096-1 500 uL CF®568 562/583 nm 20096-1 500 uL CF®568 562/583 nm 20096-1 500 uL CF®594 593/614 nm 20155-1 50 uL CF®633 630/650 nm 20135-1 50 uL CF®640R 630/650 nm 20133-1 50 uL CF®640R 642/662 nm 20088-1 50 uL CF®640R 642/662 nm 20088-1 50 uL CF®647 650/665 nm 20283-1 50 uL | | | 20321-1mg | 1 mg (lyophilized) |
| CF®568 562/583 nm 20096-1 50 uL CF®568 562/583 nm 20096-1 mg 50 uL CF®594 593/614 nm 20155-1 50 uL CF®633 593/614 nm 20155-1 50 uL CF®633 630/650 nm 20133-1 50 uL CF®640R 630/650 nm 20133-1 50 uL CF®640R 642/662 nm 20088-1 50 uL CF®647 650/665 nm 20283-1 50 uL | CF®555 | 555/565 nm | 20233-1 | 50 uL |
| CF®568 562/583 nm 20096-1 50 uL CF®568 562/583 nm 20096 500 uL 20096-1mg 1 mg (lyophilized) 20096-1mg 1 mg (lyophilized) CF®594 593/614 nm 20155-1 50 uL CF®633 630/650 nm 20133-1 50 uL CF®640R 630/650 nm 20133-1 50 uL CF®640R 642/662 nm 20088-1 50 uL CF®640R 642/662 nm 20088-1 50 uL CF®647 650/665 nm 20283-1 50 uL | | | 20233 | 500 uL |
| CF®568 562/583 nm 20096 500 uL 20096-1mg 1 mg (lyophilized) 20096-1mg 1 mg (lyophilized) CF®594 593/614 nm 20155-1 50 uL CF®633 630/650 nm 20133-1 50 uL CF®640R 630/650 nm 20133-1 50 uL CF®640R 642/662 nm 20088-1 50 uL CF®640R 642/662 nm 20088-1 500 uL CF®647 650/665 nm 20283-1 50 uL | | | 20233-1mg | 1 mg (lyophilized) |
| CF®594 593/614 nm 20096-1mg 1 mg (lyophilized) CF®594 593/614 nm 20155-1 50 uL 20155 500 uL 20155-1mg 1 mg (lyophilized) CF®633 630/650 nm 20133-1 50 uL CF®640R 642/662 nm 20133-1mg 1 mg (lyophilized) CF®640R 642/662 nm 20088-1 50 uL CF®640R 642/662 nm 20088-1 500 uL CF®647 650/665 nm 20283-1 50 uL | CF®568 | 562/583 nm | 20096-1 | 50 uL |
| CF®594 593/614 nm 20155-1 50 uL CF®633 593/614 nm 20155 500 uL CF®633 630/650 nm 20133-1 50 uL CF®640R 630/650 nm 20133-1 500 uL CF®640R 642/662 nm 20088-1 50 uL CF®640R 642/662 nm 20088-1 500 uL CF®640R 642/662 nm 20088-1 500 uL CF®640R 642/662 nm 20283-1 50 uL CF®647 650/665 nm 20283 500 uL | | | 20096 | 500 uL |
| CF®594 593/614 nm 20155 500 uL 20155 500 uL 20155-1mg 1 mg (lyophilized) 2058 630/650 nm 20133-1 50 uL 20133 500 uL 20133-1 50 uL 20133 500 uL 20133-1 1 mg (lyophilized) 20133-1mg 1 mg (lyophilized) 20088-1 50 uL 20088 500 uL 20088-1 50 uL 20088-1mg 1 mg (lyophilized) 20283-1 50 uL 20283-1 50 uL 20283-1 50 uL | | | 20096-1mg | 1 mg (lyophilized) |
| CF®633 630/650 nm 20135-1mg 1 mg (lyophilized) CF®633 630/650 nm 20133-1 50 uL 20133-1mg 500 uL 20133-1mg 1 mg (lyophilized) CF®640R 642/662 nm 20088-1 500 uL CF®640R 642/662 nm 20088-1 500 uL 20088-1mg 1 mg (lyophilized) 20088-1mg 1 mg (lyophilized) CF®647 650/665 nm 20283-1 500 uL | CF®594 | 593/614 nm | 20155-1 | 50 uL |
| CF®633 630/650 nm 20133-1 50 uL CF®640R 642/662 nm 20088-1 50 uL CF®640R 650/665 nm 20283-1 50 uL | | | 20155 | 500 uL |
| CF®633 630/650 nm 20133 500 uL 20133.1mg 1 mg (lyophilized) 20133-1mg 1 mg (lyophilized) CF®640R 642/662 nm 20088-1 500 uL 20088.1mg 1 mg (lyophilized) 20088-1mg 1 mg (lyophilized) 20088-1mg 1 mg (lyophilized) 20283-1 50 uL 20283-1 50 uL | | | 20155-1mg | 1 mg (lyophilized) |
| CF®640R 642/662 nm 20088-1 50 uL CF®647 650/665 nm 20283-1 50 uL | CF®633 | 630/650 nm | 20133-1 | 50 uL |
| CF®640R 642/662 nm 20088-1 50 uL 20088 500 uL 20088-1mg 1 mg (lyophilized) 20088-1mg 1 mg (lyophilized) 20283-1 50 uL CF®647 650/665 nm 20283 500 uL | | | 20133 | 500 uL |
| CF®640R 642/662 nm 20088 500 uL 20088-1mg 1 mg (lyophilized) 20283-1 50 uL CF®647 650/665 nm | | | 20133-1mg | 1 mg (lyophilized) |
| CF®647 650/665 nm 20283-1 500 uL | CF®640R | 642/662 nm | 20088-1 | 50 uL |
| CF®647 650/665 nm 20283-1 50 uL 20283 500 uL 500 uL | | | 20088 | 500 uL |
| CF®647 650/665 nm 20283 500 uL | | | 20088-1mg | 1 mg (lyophilized) |
| | CF®647 | 650/665 nm | 20283-1 | 50 uL |
| 20283-1mg 1 mg (lyophilized) | | | 20283 | 500 uL |
| | | | 20283-1mg | 1 mg (lyophilized) |

| CF® Dye | Ex/Em | Catalog No. | Size |
|---------|-------------------------|-------------|--------------------|
| CF®660C | 667/685 nm | 20370-50uL | 50 uL |
| | | 20370-500uL | 500 uL |
| | | 20370-1mg | 1 mg (lyophilized) |
| 050000 | 681/698 nm | 20069-1 | 50 uL |
| CF®680 | | 20069 | 250 uL |
| CF®770 | 770/797 nm | 20383-50uL | 50 uL |
| CF®//U | | 20383-250uL | 250 uL |
| APC | 633,640/660 nm | 20413-100uL | 100 uL |
| | | 20413-500uL | 500 uL |
| R-PE | 496, 546, 565/578 nm | 20354-200uL | 200 uL |
| | | 20354-1mL | 1 mL |

Bv: bovine; Hs: horse; Hu: human; Rb: rabbit

Concentration

Liquid format:

CF dye: 2 mg/mL in pH ~7.4 PBS containing 50% glycerol, 2 mg/ml bovine serum albumin (IgG-free and protease-free) and 0.05% sodium azide.

R-PE: 0.5mg/mL in pH ~7.4 PBS containing 2 mg/ml bovine serum albumin (IgG-free and protease-free) and 0.05% sodium azide.

APC: 0.5 mg/mL in pH \sim 7.4 PBS containing 50% glycerol, 2 mg/ml bovine serum albumin (IgG-free and protease-free) and 0.05% sodium azide.

Lyophilized format (after reconstitution): 2 mg/mL in pH ${\sim}7.4$ PBS containing 15 mg/mL bovine serum albumin (IgG-free and protease-free) and 20 mg/mL trehalose.

Storage and Handling

Store at -20°C (except for R-PE conjugates which is stored at 4°C), protected from light. Product is stable for at least 6 months from date of receipt when stored as recommended. Liquid format antibodies contain 50% glycerol and will not freeze at -20°C.

Reconstitution (lyophilized format only): add 0.5 mL dH₂O and mix gently to dissolve. Store at -20°C, protected from light. Aliquot to avoid freeze-thaw cycles. Alternatively, glycerol can be added to the antibody so that it will not freeze at -20°C: add 0.25 mL dH₂O to the lyophilized antibody and mix gently to dissolve, then add 0.25 mL glycerol and mix well. Optional: a preservative may be added, such as 0.05% (final concentration) sodium azide.

Note: storage of the antibody for more than a day at final working dilution is not recommended.

Product Description

Goat anti-rat IgG (H+L), whole antibody, highly cross-adsorbed is an affinity purified goat antibody that recognizes rat IgG. This antibody is highly-cross adsorbed for multiple labeling, and has minimal cross-reactivity with bovine, horse, human, or rabbit serum proteins.

CF® dyes are superior to Alexa Fluor®, DyLight®, and Cy® dyes for antibody labeling by having combined advantages in brightness, photostability, specificity and novel features ideal for in vivo imaging. For more information about CF® dyes, download our CF® Dye Selection Guide at www.biotium.com.

Recommended Dilution Range

Fluorescence microscopy: 1-2 ug/mL Flow cytometry: 1 ug/10⁶ cells Near-infrared western detection: 50-100 ng/mL

These concentrations are provided as a starting point for optimization; appropriate dilutions should be determined empirically. Generally IgG conjugates are used in the range of 1-10 ug/mL.

For more detailed protocols for immunofluorescence staining for fluorescence microscopy, flow cytometry, or fluorescence-based western detection, please visit our website.

Accessory products for immunofluorescence

| Cat. No. | Product Name |
|----------|--|
| 23001 | EverBrite™ Mounting Medium |
| 23002 | EverBrite™ Mounting Medium with DAPI |
| 23003 | EverBrite™ Hardset Mounting Medium |
| 23004 | EverBrite™ Hardset Mounting Medium with DAPI |
| 23005 | CoverGrip™ Coverslip Sealant |
| 23007 | TrueBlack™ Lipofuscin Autofluorescence Quencher |
| 40061 | RedDot™2 Far Red Nuclear Counterstain |
| 22005 | Mini Super ^{н⊤} Pap Pen 2.5 mm tip, ~400 uses |
| 22006 | Super ^{н⊤} Pap Pen 4 mm tip, ~800 uses |
| 22003 | Mini-Cell Scrapers |
| 23006 | Flow Cytometry Fixation/Permeabilization Kit |
| 22015 | Fixation Buffer |
| 22016 | Permeabilization Buffer |
| 22017 | Permeabilization and Blocking Buffer |
| 22010 | 10X Fish Gelatin Blocking Agent |
| 22011 | Fish Gelatin Powder |
| 22014 | 30% Bovine Serum Albumin Solution |
| 22002 | Tween®-20 |

Please visit www.biotium.com to view our full selection of products featuring bright and photostable fluorescent CF® dyes, including Mix-n-Stain™ antibody labeling kits, primary antibody conjugates, streptavidin, phalloidin, and other bioconjugates, as well as conjugates of biotin, HRP, AP, R-PE, APC and PerCP.

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