

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
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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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