



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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m-IgG Fc BP-CFL 488: sc-533653

BACKGROUND

Mouse IgG Fc binding protein (m-IgG Fc BP) conjugated to CruzFluor™ 488 (CFL 488) is a strongly recommended alternative to conventional goat/rabbit anti-mouse IgG secondary antibodies for RGB Western Blotting (WB), immunofluorescence (IF) and flow cytometry (FCM) signal enhancement. CruzFluor™ 488 (CFL 488) is a green fluorescent dye that is an excellent substitute for AlexaFluor® 488, offering comparable photostability and the ability to resist protein quenching. Suitable for use with RGB imaging systems, such as Invitrogen/iBright and other comparable systems. Mouse IgG Fc binding protein is a highly specific reagent that provides strong signal with minimal background and virtually complete elimination of lot to lot variation associated with conventionally generated secondary antibodies. Mouse IgG Fc binding protein (m-IgG Fc BP) is suitable for binding to the Fc region of most, but not all, mouse IgG₁, IgG_{2a} and IgG_{2b} immunoglobulins, and to a lesser extent to mouse IgG₃; not suitable for use with mouse monoclonal IgM, IgA and IgE. Not cross reactive with human, rat, rabbit and goat IgG antibodies.

SOURCE

m-IgG Fc BP-CFL 488 is a purified recombinant mouse IgG Fc binding protein conjugated to CruzFluor™ 488 (CFL 488).

PRODUCT

Each vial contains 50 µg mouse IgG Fc binding protein-CFL 488 in 0.5 ml of PBS containing 0.1% gelatin and 0.1% sodium azide.

APPLICATIONS

m-IgG Fc BP-CFL 488 is recommended for detection of mouse IgG Fc by RGB Western Blotting (starting dilution: 1:1000, dilution range: 1:500-1:2000), immunofluorescence (starting dilution 1:50, dilution range 1:50-1:200) and flow cytometry (0.5-1 µg per 1 x 10⁶ cells). Optimal dilution to be determined by titration.

RECOMMENDED SUPPORT PRODUCTS

- CrystalCruz® Cover Glasses, 22 x 50 mm, precleaned: sc-24975
- PBS (Phosphate Buffered Saline), powder, 1 packet: sc-24947
- Formaldehyde, 37% formaldehyde solution, 25 ml: sc-203049
- Hydrogen Peroxide, 30% solution, 100 ml: sc-203336
- FCM Lysing solution: sc-3621
- FCM Fixation Buffer: sc-3622
- FCM Permeabilization Buffer: sc-3623
- FCM Wash Buffer: sc-3624
- Intracellular FCM System: sc-45063

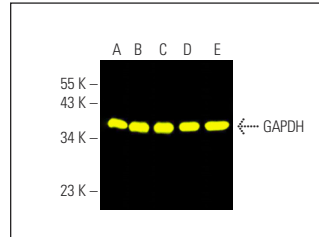
PROTOCOLS

See our web site at www.scbt.com for detailed protocols and support products.

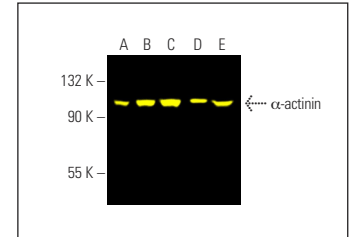
STORAGE

Store at 4° C, ****DO NOT FREEZE****. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

DATA



GAPDH (0411): sc-47724. Fluorescent western blot analysis of GAPDH expression in Jurkat (A), MOLT-4 (B), HeLa (C), BJAB (D) and IMR-32 (E) whole cell lysates. Blocked with UltraCruz® Blocking Reagent: sc-516214. Detection reagent used: m-IgG Fc BP-CFL 488: sc-533653.



α-actinin (H-2): sc-17829. Fluorescent western blot analysis of α-actinin expression in Jurkat (A), HeLa (B), RT-4 (C), SJRH30 (D) and K-562 (E) whole cell lysates. Blocked with UltraCruz® Blocking Reagent: sc-516214. Detection reagent used: m-IgG Fc BP-CFL 488: sc-533653.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

CRUZFLUOR™ SPECTRAL PROPERTIES

| PRODUCT | CAT. # | EXCITATION MAXIMUM | EMISSION MAXIMUM |
|-------------------------------|-----------|--------------------|------------------|
| m-IgG Fc BP-CFL 488 | sc-533653 | 488 nm | 514 nm |
| m-IgG ₁ BP-CFL 488 | sc-533661 | | |
| m-IgG Fc BP-CFL 555 | sc-533654 | 556 nm | 569 nm |
| m-IgG ₁ BP-CFL 555 | sc-533662 | | |
| m-IgG Fc BP-CFL 594 | sc-533655 | 587 nm | 603 nm |
| m-IgG ₁ BP-CFL 594 | sc-533663 | | |
| m-IgG Fc BP-CFL 647 | sc-533656 | 654 nm | 669 nm |
| m-IgG ₁ BP-CFL 647 | sc-533664 | | |
| m-IgG Fc BP-CFL 680 | sc-533657 | 683 nm | 700 nm |
| m-IgG ₁ BP-CFL 680 | sc-533665 | | |
| m-IgG Fc BP-CFL 790 | sc-533658 | 786 nm | 811 nm |
| m-IgG ₁ BP-CFL 790 | sc-533666 | | |