SZABO SCANDIC

Part of Europa Biosite

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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SANTA CRUZ BIOTECHNOLOGY, INC.

m-IgG Fc BP-HRP: sc-525409

BACKGROUND

Mouse IgG Fc binding protein (m-IgG Fc BP) conjugated to horseradish peroxidase (HRP) is a strongly recommended alternative to conventional goat/rabbit anti-mouse IgG secondary antibodies for Western Blotting (WB) and immunohistochemical (IHC) signal enhancement. 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 IgG_1, IgG_{2a} and IgG_{2b} immunoglobulins, and to a lesser extent to mouse IgG_3; 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-HRP is a purified recombinant mouse IgG Fc binding protein conjugated to horseradish peroxidase (HRP).

PRODUCT

Each vial contains 50 µg mouse IgG Fc binding protein-HRP in 0.5 ml of PBS containing 40% glycerol, 1% stabilizer protein and < 0.01% thimerosal.

APPLICATIONS

m-IgG Fc BP-HRP is recommended for detection of mouse IgG Fc by ECL Western Blotting (starting dilution: 1:1000, dilution range: 1:1000-1:10000) and immunohistochemistry (including paraffin-embedded sections) (starting dilution: 1:25, dilution range 1:25-1:100). Optimal dilution to be determined by titration.

For Western Blotting using tissue extracts and m-IgG Fc BP-HRP, we strongly recommend substracting endogenous immunoglobulins from extracts with Protein G PLUS-Agarose Reagent: sc-2002, to prevent Western Blotting interference when detecting proteins of approximately 25 kDa in size.

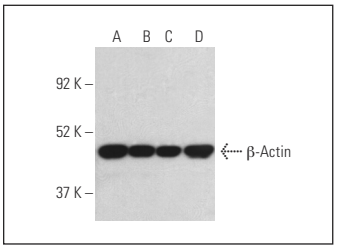
RECOMMENDED SUPPORT PRODUCTS

- Protein G PLUS-Agarose Reagent: sc-2002
- Western Blotting Luminol Reagent, for 2,000 cm^2 membrane area: sc-2048
- RIPA Lysis Buffer, 50 ml, cell lysis buffer with protease inhibitors: sc-24948
- Electrophoresis Sample Buffer, 2X, 25 ml, reducing buffer: sc-24945
- UltraCruz® Protease Inhibitor Cocktail Tablet, 20 tablets: sc-29130
- Running Buffer, 10X, 1 L, TRIS-Glycine WB running buffer, pH 8.3: sc-24949
- Towbin, with SDS, 10X, 1 L, WB transfer buffer pH 8.3: sc-24954
- TBS Blotto A, lyophilized powder in single-use bottle: sc-2333
- UltraCruz® PVDF Transfer Membrane, 0.45 µm, 30 cm x 3 m roll: sc-3723
- UltraCruz® Nitrocellulose Pure Transfer Membrane, 0.22 µm, 30 cm x 3 m roll: sc-3718
- UltraCruz® Tissue Culture Dish, 100 mm polystyrene dish: sc-200286
- UltraCruz® Autoradiography Film, Blue, 8 x 1, 100 sheets: sc-201697
- UltraCruz® Gel Incubation Trays, 100 per pack: sc-201755 (blue), sc-201756 (green), sc-201757 (pink), sc-201758 (yellow), sc-201759 (orange)

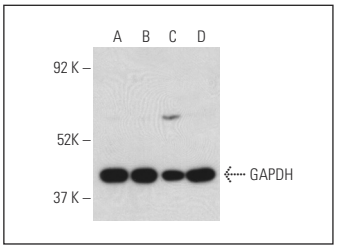
STORAGE

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

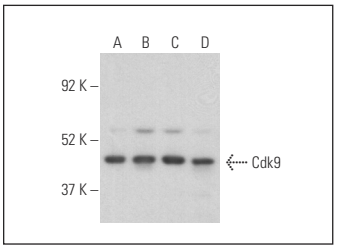
DATA



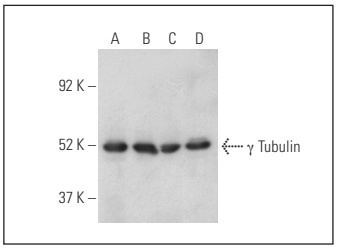
β-Actin (C4): sc-47778. Western blot analysis of β-Actin expression in HeLa (**A**), Jurkat (**B**), K-562 (**C**) and A-431 (**D**) whole cell lysates. Detection reagent used: m-IgG Fc BP-HRP: sc-525409.



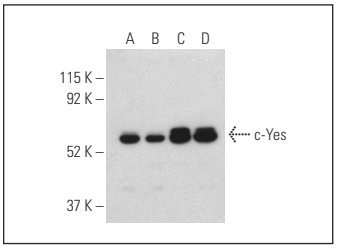
GAPDH (H-12): sc-166574. Western blot analysis of GAPDH expression in HeLa (**A**), Jurkat (**B**), K-562 (**C**) and A-431 (**D**) whole cell lysates. Detection reagent used: m-IgG Fc BP-HRP: sc-525409.



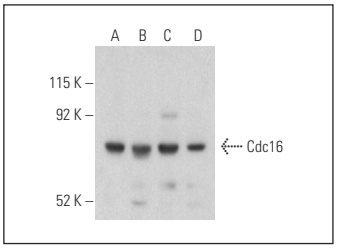
Cdk9 (D-7): sc-13130. Western blot analysis of Cdk9 expression in HeLa (**A**), Jurkat (**B**), K-562 (**C**) and A-431 (**D**) whole cell lysates. Detection reagent used: m-IgG Fc BP-HRP: sc-525409.



γ Tubulin (C-11): sc-17787. Western blot analysis of γ Tubulin expression in HeLa (**A**), Jurkat (**B**), K-562 (**C**) and A-431 (**D**) whole cell lysates. Detection reagent used: m-IgG Fc BP-HRP: sc-525409.



c-Yes (C-10): sc-46674. Western blot analysis of c-Yes expression in HeLa (**A**), Jurkat (**B**), K-562 (**C**) and A-431 (**D**) whole cell lysates. Detection reagent used: m-IgG Fc BP-HRP: sc-525409.



Cdc16 (D-1): sc-376091. Western blot analysis of Cdc16 expression in HeLa (**A**), Jurkat (**B**), K-562 (**C**) and A-431 (**D**) whole cell lysates. Detection reagent used: m-IgG Fc BP-HRP: sc-525409.

RESEARCH USE

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

PROTOCOLS

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