

# m-IgG Fc BP-B: sc-533652

## BACKGROUND

Mouse IgG Fc binding protein (m-IgG Fc BP) conjugated to biotin (B) is a strongly recommended alternative to conventional goat/rabbit anti-mouse IgG secondary antibodies for 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<sub>1</sub>, IgG<sub>2a</sub> and IgG<sub>2b</sub> immunoglobulins, and to a lesser extent to mouse IgG<sub>3</sub>; 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-B is a purified recombinant mouse IgG Fc binding protein conjugated to biotin (B).

## PRODUCT

Each vial contains 50 µg mouse IgG Fc binding protein-B in 0.5 ml of PBS containing 1% stabilizer protein and 0.02% sodium azide.

## APPLICATIONS

m-IgG Fc BP-B is recommended for detection of mouse IgG Fc by immunohistochemistry (starting dilution: 1:50, dilution range 1:50-1:200). 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
- Organo/Limonene Mount, non-toxic alternative to Permount, 100 ml: sc-45087
- UltraCruz® Mounting Medium, aqueous-based, 10 ml: sc-24941
- ImmunoHistoMount, aqueous-based mounting medium, 30 ml: sc-45086
- Immuno In Situ Mount, for use with *in situ* hybridization, 30 ml: sc-45088
- Paraffin, for the preparation of tissue samples for staining, 500 g: sc-286633
- Xylenes, mixed isomers with ethylbenzene, 500 ml: sc-237422
- Hematoxylin, Gill's Formulation #2; nuclear counter stain, 100 ml: sc-24973

## STORAGE

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

## RESEARCH USE

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

## PROTOCOLS

See our web site at [www.scbt.com](http://www.scbt.com) or our catalog for detailed protocols and support products.