



m-IgG_{2b} BP-B: sc-542744

BACKGROUND

Mouse IgG_{2b} binding protein (m-IgG_{2b} 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_{2b} 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_{2b} binding protein (m-IgG_{2b} BP) is suitable for binding to most, but not all mouse monoclonal IgG_{2b} antibodies; not suitable for use with mouse monoclonal IgG₁, IgG_{2a}, IgG₃, IgM, IgA or IgE antibodies. Not cross reactive with human, rat or goat IgG antibodies.

SOURCE

m-IgG_{2b} BP-B is a purified recombinant mouse IgG_{2b} binding protein conjugated to biotin (B).

PRODUCT

Each vial contains 50 µg mouse IgG_{2b} binding protein-B in 0.5 ml of PBS containing 1% stabilizer protein and 0.02% sodium azide.

APPLICATIONS

m-IgG_{2b} BP-B is recommended for detection of mouse IgG_{2b} 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 or our catalog for detailed protocols and support products.