

# mouse anti-rabbit IgG-B: sc-2491

## BACKGROUND

Santa Cruz Biotechnology's high quality, well characterized monoclonal secondary antibodies are available conjugated to either an enzyme, biotin or fluorophore for use in a variety of antibody-based applications, including Western blotting, immunostaining and flow cytometry. Santa Cruz secondary antibodies are commonly affinity purified against immobilized whole IgG isotypes, including IgG<sub>1</sub>, IgG<sub>2a</sub>, IgG<sub>2b</sub>, IgG<sub>3</sub> and IgG<sub>4</sub>. Monoclonal secondary antibodies are available conjugated to HRP for Western blotting (WB) and immunohistochemistry (IHC); (CM) or Cruz Marker form of HRP conjugated secondary antibodies are suitable for use with our Cruz Marker™ molecular weight standards; FITC (fluorescein isothiocyanate), PE (phycoerythrin), R (TRITC: tetramethyl rhodamine isothiocyanate), TR (Texas Red®), PerCP (peridinin chlorophyll protein complex), PerCP-Cy5.5 (peridinin chlorophyll protein complex with cyanin-5.5), and CruzFluor™ (488, 555 and 594) for immunofluorescence (IF), immunohistochemistry (IHC) and flow cytometry (FCM); B (biotin) for immunohistochemistry (IHC); AP (alkaline phosphatase) for Western blotting (WB); and CruzFluor® 680 and 790 for near-infrared (NIR) Western blotting (WB), immunofluorescence (IF), immunohistochemistry (IHC) and flow cytometry (FCM).

## SOURCE

mouse anti-rabbit IgG-B is an affinity purified secondary antibody raised in mouse against rabbit IgG and conjugated to biotin (B).

## PRODUCT

Each vial contains 200 µg mouse IgG in 0.5 ml of PBS containing 1% stabilizer protein and 0.02% sodium azide.

## APPLICATIONS

mouse anti-rabbit IgG-B is recommended for detection of rabbit IgG by immunohistochemical staining (starting dilution: 1:100, dilution range: 1:100-1:400). 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

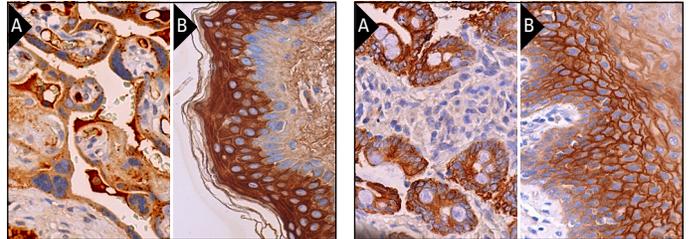
## STORAGE

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.

## DATA



GDF-15 (FL-308): sc-66904. Immunoperoxidase staining of formalin fixed, paraffin-embedded human placenta tissue showing cytoplasmic staining of trophoblastic cells and decidual cells (A). Pit1 (H-130): sc-98814. Immunoperoxidase staining of formalin fixed, paraffin-embedded human skin tissue showing cytoplasmic staining of keratinocytes, fibroblasts and Langerhans cells (B). Detection reagent used: mouse anti-rabbit IgG-B: sc-2491.

Cytokeratin 20 (H-70): sc-25725. Immunoperoxidase staining of formalin fixed, paraffin-embedded human colon tissue showing cytoplasmic and membrane staining of glandular cell (A). S-100A16 (FL-103): sc-135391. Immunoperoxidase staining of formalin fixed, paraffin-embedded human esophagus tissue showing cytoplasmic and membrane staining of squamous epithelial cells (B). Detection reagent used: mouse anti-rabbit IgG-B: sc-2491.

## SELECT PRODUCT CITATIONS

- Ren, Y., et al. 2009. Genetic variation of promoter sequence modulates XBP1 expression and genetic risk for vitiligo. *PLoS Genet.* 5: e1000523.
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- Xu, X., et al. 2012. Cardioprotective effect of sodium ferulate in diabetic rats. *Int. J. Med. Sci.* 9: 291-300.
- Zheng, D., et al. 2015. Dysregulation of the PI3K/Akt signaling pathway affects cell cycle and apoptosis of side population cells in nasopharyngeal carcinoma. *Oncol Lett.* 10: 182-188.
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- He, J., et al. 2015. Fra-1 is upregulated in gastric cancer tissues and affects the PI3K/Akt and p53 signaling pathway in gastric cancer. *Int. J. Oncol.* 47: 1725-1734.
- Andrés-Blasco, I., et al. 2015. Hepatic lipase deficiency produces glucose intolerance, inflammation and hepatic steatosis. *J. Endocrinol.* 227: 179-191.
- Cheng, N. and Wang, G.H. 2016. miR-133b, a microRNA targeting S1PR1, suppresses nasopharyngeal carcinoma cell proliferation. *Exp. Ther. Med.* 11: 1469-1474.
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- Liu, J.Y., et al. 2016. MicroRNA-153 inhibits the proliferation and invasion of human laryngeal squamous cell carcinoma by targeting KLF5. *Exp. Ther. Med.* 11: 2503-2508.

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