

goat anti-rabbit IgG-HRP: sc-2301

BACKGROUND

Santa Cruz Biotechnology's secondary antibodies are available conjugated to either an enzyme, biotin or fluorophore for use in a variety of antibody-based applications including Western Blot, immunostaining, flow cytometry and ELISA. We offer Cruz Marker™ compatible secondary antibodies, which are used in conjunction with Santa Cruz Biotechnology's Cruz Marker™ molecular weight standards. Cruz Marker™ compatible secondary antibodies recognize an epitope common to each of the Cruz Marker™ molecular weight standards and are provided as horseradish peroxidase (HRP) and alkaline phosphatase (AP) conjugated secondary antibodies for detection of mouse, goat, rabbit and rat primary antibodies. Pre-adsorbed HRP and AP conjugated Cruz Marker™ compatible secondary antibodies are also available and are recommended for use with immunoglobulin-rich samples.

SOURCE

goat anti-rabbit IgG-HRP is a pre-adsorbed, CruzMarker™ compatible, affinity purified secondary antibody raised in goat against rabbit IgG and conjugated to HRP (horseradish peroxidase).

PRODUCT

Each vial contains 200 µg mouse and human adsorbed IgG in 0.5 ml of 1X PBS containing 40% glycerol.

APPLICATIONS

goat anti-rabbit IgG-HRP is recommended for detection of rabbit IgG by Western Blotting of immunoglobulin-rich tissues and cells (starting dilution: 1:5000, dilution range 1:5000-1:10000).

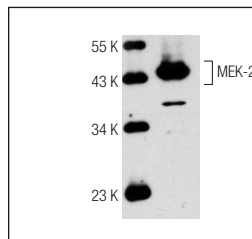
RECOMMENDED SUPPORT PRODUCTS

- UltraCruz™ Tissue Culture Dish, 100 mm polystyrene dish: sc-200286
- UltraCruz™ Cell Scrapers, 25 cm, sterile, 100 per case: sc-213229
- RIPA Lysis Buffer, 50 ml, cell lysis buffer with protease inhibitors: sc-24948
- Complete™ Protease Inhibitor Cocktail Tablet, 20 tablets: sc-29130
- Electrophoresis Sample Buffer, 2X, 25 ml, reducing buffer: sc-24945
- 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
- Cruz Blot-A: sc-3901 (Western blotting membrane with human cell line extracts from 10 different cell types)
- 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
- Bovine Serum Albumin (BSA), 100 g, blocking/incubation agent: sc-2323
- TBS Blotto A, lyophilized powder in single-use bottle: sc-2333
- Western Blotting Luminol Reagent, for 2,000 cm² membrane area: sc-2048
- UltraCruz™ Electrophoresis Cell: sc-201625: runs up to 10 or 15 sample by SDS – PAGE protein electrophoresis
- UltraCruz™ Autoradiography Film, Blue, 8 x 1, 100 sheets: sc-201697
- Cruz Marker™ Molecular Weight Standards, for 50 gels: sc-2035

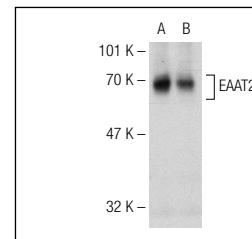
STORAGE

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

DATA



goat anti-rabbit IgG-HRP: sc-2301. Western blot analysis of MEK-2 expression in HeLa whole cell lysate. Antibody tested: MEK-2 (N-20): sc-524.



goat anti-rabbit IgG-HRP: sc-2301. Western blot analysis of EAAT2 expression in mouse brain (A) and rat brain (B) tissue extracts. Antibody tested: EAAT2 (H-85): sc-15317.

SELECT PRODUCT CITATIONS

1. Zicha, S., et al. 2003. Molecular basis of species-specific expression of repolarizing K⁺ currents in the heart. *Am. J. Physiol. Heart Circ. Physiol.* 285: H1641-H1649.
2. Thompson, D.L., et al. 2003. Retinoic acid repression of bone morphogenetic protein 4 in inner ear development. *Mol. Cell. Biol.* 23: 2277-2286.
3. Xue, Y., et al. 2003. Association of JNK1 with p21waf1 and p53: modulation of JNK1 activity. *Mol. Carcinog.* 36: 38-44.
4. Kanda, N., et al. 2003. 17β-estradiol inhibits the production of RANTES in human keratinocytes. *J. Invest. Dermatol.* 120: 420-427.
5. Bellei, B., et al. 2011. Wnt/β-catenin signaling is stimulated by α-melanocyte-stimulating hormone in melanoma and melanocyte cells: implication in cell differentiation. *Pigment Cell Melanoma Res.* 24: 309-325.
6. Klein, B.Y., et al. 2011. PI3K/Akt responses to oxytocin stimulation in Caco2BB gut cells. *J. Cell. Biochem.* 112: 3216-3226.
7. Donica, C.L., et al. 2011. Orphanin FQ/nociceptin activates nuclear factor κ B. *J. Neuroimmune Pharmacol.* 6: 617-625.
8. González, R., et al. 2011. Cytoprotective properties of rifampicin are related to the regulation of detoxification system and bile acid transporter expression during hepatocellular injury induced by hydrophobic bile acids. *J. Hepatobiliary Pancreat. Sci.* 18: 740-750.
9. Khan, S., et al. 2012. A novel cyano derivative of 11-keto-β-boswellic acid causes apoptotic death by disrupting PI3K/AKT/Hsp-90 cascade, mitochondrial integrity, and other cell survival signaling events in HL-60 cells. *Mol. Carcinog.* 51: 679-695.
10. González, R., et al. 2012. Targeting hepatoma using nitric oxide donor strategies. *Antioxid Redox Signal.* 18: 491-506.

RESEARCH USE

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