

donkey anti-goat IgG-HRP: sc-2033

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

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

PRODUCT

Each vial contains 200 µg donkey IgG in 0.5 ml of PBS containing 40% glycerol, 1% stabilizer protein and < 0.01% Thimerisol.

APPLICATIONS

donkey anti-goat IgG-HRP is recommended for detection of goat IgG by Western Blotting (starting dilution: 1:5000, dilution range: 1:5000-1:10000). Optimal dilution to be determined by titration.

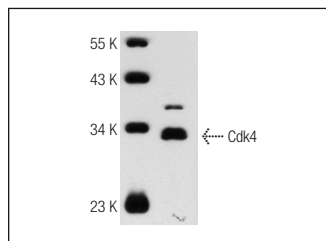
RECOMMENDED SUPPORT PRODUCTS

- UltraCruz™ Tissue Culture Dish, 100 mm polystyrene dish: sc-200286
- 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
- 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

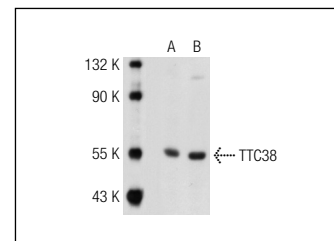
RESEARCH USE

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

DATA



donkey anti-goat IgG-HRP: sc-2033. Western blot analysis of Cdk4 expression in HeLa whole cell lysate. Antibody tested: Cdk4 (H-22)-G: sc-601-G.



donkey anti-goat IgG-HRP: sc-2033. Western blot analysis of TTC38 expression in K-562 (A) and MEG-01 (B) whole cell lysates. Antibody tested: TTC38 (K-12): sc-86451.

SELECT PRODUCT CITATIONS

1. Malina, H.Z. 1999. Xanthurenic acid provokes formation of unfolded proteins in endoplasmic reticulum of the lens epithelial cells. *Biochem. Biophys. Res. Commun.* 265: 600-605.
2. Goh, W.I., et al. 2011. Rif-mDia1 interaction is involved in filopodium formation independent of Cdc42 and Rac effectors. *J. Biol. Chem.* 286: 13681-13694.
3. Lazzari, C., et al. 2011. Cellular prion protein is implicated in the regulation of local Ca²⁺ movements in cerebellar granule neurons. *J. Neurochem.* 116: 881-890.
4. Stanojevic, I., et al. 2011. Ontogenetic profile of ecto-5'-nucleotidase in rat brain synaptic plasma membranes. *Int. J. Dev. Neurosci.* 29: 397-403.
5. Alm-Kristiansen, A.H., et al. 2011. PIAS1 interacts with FLASH and enhances its co-activation of c-Myb. *Mol. Cancer* 10: 21.
6. Fradet, A., et al. 2011. Dual function of ERRA in breast cancer and bone metastasis formation: implication of VEGF and osteoprotegerin. *Cancer Res.* 71: 5728-5738.
7. Menon, M.B., et al. 2011. SB202190-induced cell type-specific vacuole formation and defective autophagy do not depend on p38 MAP kinase inhibition. *PLoS ONE* 6: e23054.
8. Kilic, U., et al. 2012. Evidence that membrane-bound G protein-coupled melatonin receptors MT1 and MT2 are not involved in the neuroprotective effects of melatonin in focal cerebral ischemia. *J. Pineal Res.* 52: 228-235.
9. Goh, W.I., et al. 2012. mDia1 and WAVE2 proteins interact directly with IRSp53 in filopodia and are involved in filopodium formation. *J. Biol. Chem.* 287: 4702-4714.
10. Saha, K. and Eckert, R.L. 2015. Methylosome protein 50 and PKCδ/p38δ protein signaling control keratinocyte proliferation via opposing effects on p21Cip1 gene expression. *J. Biol. Chem.* 290: 13521-13530.

STORAGE

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