

donkey anti-goat IgG-HRP: sc-2304

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 pre-adsorbed, CruzMarker™ compatible, affinity purified secondary antibody raised in donkey against goat 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

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

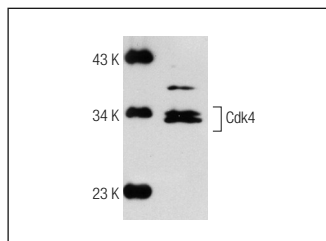
RECOMMENDED SUPPORT PRODUCTS

- 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

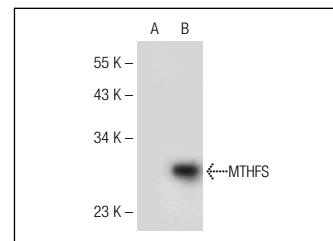
STORAGE

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

DATA



donkey anti-goat IgG-HRP: sc-2304. 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-2304. Western blot analysis of MTHFS expression in non-transfected: sc-117752 (A) and human MTHFS transfected: sc-113997 (B) 293T whole cell lysates. Antibody tested: MTHFS (G-18): sc-66469.

SELECT PRODUCT CITATIONS

1. Yu, J., et al. 2000. Regulation of hepatocyte thyroxine 5'-deiodinase by T3 and nuclear receptor coactivators as a model of the sick euthyroid syndrome. *J. Biol. Chem.* 275: 38296-38301.
2. Kooistra, T., et al. 2006. Fenofibrate reduces atherogenesis in ApoE*3Leiden mice: evidence for multiple antiatherogenic effects besides lowering plasma cholesterol. *Arterioscler. Thromb. Vasc. Biol.* 26: 2322-2330.
3. Tavera-Mendoza, L.E., et al. 2008. Incorporation of histone deacetylase inhibition into the structure of a nuclear receptor agonist. *Proc. Natl. Acad. Sci. USA* 105: 8250-8255.
4. Cano, A., et al. 2009. Hepatic VLDL assembly is disturbed in a rat model of nonalcoholic fatty liver disease: is there a role for dietary coenzyme Q? *J. Appl. Physiol.* 107: 707-717.
5. Mingaleeva, R.N., et al. 2010. Comparative analysis of herpes simplex virus thymidine kinase gene expression potentiation via HIV-1 Tat-TAR-system and cancer-specific promoters in p53⁺ and p53⁻ cells. *Mol. Biol.* 44: 507-514.
6. Lu, J., et al. 2011. Chronic dietary η -3 PUFA intervention improves dyslipidaemia and subsequent cardiovascular complications in the JCR:LA-cp rat model of the metabolic syndrome. *Br. J. Nutr.* 31: 1-11.
7. Lamacchia, C., et al. 2012. Mice deficient in hepatocyte-specific IL-1R α show delayed resolution of concanavalin A-induced hepatitis. *Eur. J. Immunol.* 42: 1294-1303.
8. Ferrer, T., et al. 2012. Mechanisms responsible for the altered cardiac repolarization dispersion in experimental hypothyroidism. *Acta Physiol.* 204: 502-512.

RESEARCH USE

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