

bovine anti-goat IgG-HRP: sc-2384

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

bovine anti-goat IgG-HRP is a pre-adsorbed, CruzMarker™ compatible, affinity purified secondary antibody raised in bovine 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

bovine 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).

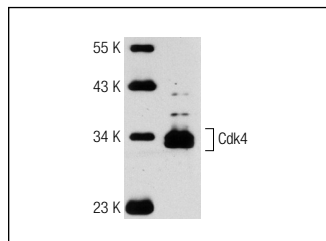
RECOMMENDED SUPPORT PRODUCTS

- 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



bovine anti-goat IgG-HRP: sc-2384. Western blot analysis of Cdk4 expression in HeLa whole cell lysate. Antibody tested: Cdk4 (H-22)-G: sc-601-G.

SELECT PRODUCT CITATIONS

1. Chikh, A., et al. 2007. Expression of GATA-3 in epidermis and hair follicle: relationship to p63. *Biochem. Biophys. Res. Commun.* 361: 1-6.
2. Godin, N., et al. 2007. TRPC6 silencing in primary airway smooth muscle cells inhibits protein expression without affecting OAG-induced calcium entry. *Mol. Cell. Biochem.* 296: 193-201.
3. Engel, K., et al. 2007. *Usnea barbata* extract prevents ultraviolet-B induced prostaglandin E2 synthesis and COX-2 expression in HaCaT keratinocytes. *J. Photochem. Photobiol. B, Biol.* 89: 9-14.
4. Huyke, C., et al. 2007. Composition and biological activity of different extracts from *Schisandra sphenanthera* and *Schisandra chinensis*. *Planta Med.* 73: 1116-1126.
5. Paulsson, A.K., et al. 2010. Post-translational regulation of calsarcin-1 during pressure overload-induced cardiac hypertrophy. *J. Mol. Cell. Cardiol.* 48: 1206-1214.
6. Bellei, B., et al. 2010. P38 regulates pigmentation via proteasomal degradation of tyrosinase. *J. Biol. Chem.* 285: 7288-7299.
7. 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.

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.