

donkey anti-rabbit IgG-HRP: sc-2305

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-rabbit IgG-HRP is a pre-adsorbed, CruzMarker™ compatible, affinity purified secondary antibody raised in donkey 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

donkey anti-rabbit IgG-HRP is recommended for detection of rabbit IgG by Western Blotting of immunoglobulin-rich tissues and cells (starting dilution: 1:2000, dilution range 1:500-1:5000).

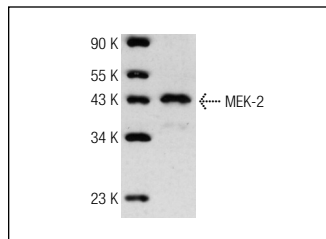
RECOMMENDED SUPPORT PRODUCTS

- 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-rabbit IgG-HRP: sc-2305. Western blot analysis of MEK-2 expression in Hela whole cell lysate. Antibody tested: MEK-2 (N-20): sc-524.

SELECT PRODUCT CITATIONS

1. Gervois, P., et al. 2004. Global suppression of IL-6-induced acute phase response gene expression after chronic *in vivo* treatment with the peroxisome proliferator-activated receptor- α activator fenofibrate. *J. Biol. Chem.* 279: 16154-16160.
2. Ivey, N.S., et al. 2009. Association of FAK activation with lentivirus-induced disruption of blood-brain barrier tight junction-associated ZO-1 protein organization. *J. Neurovirol.* 15: 312-323.
3. Al-Mahmood, S., et al. 2009. Potent *in vivo* antiangiogenic effects of GS-101 (5'-TATCCGGAGGGCTCGCCATGCTGCT-3'), an antisense oligonucleotide preventing the expression of insulin receptor substrate-1. *J. Pharmacol. Exp. Ther.* 329: 496-504.
4. Weitzel, L.R., et al. 2010. Discovery and verification of protein differences between Er positive/Her2/neu negative breast tumor tissue and matched adjacent normal breast tissue. *Breast Cancer Res. Treat.* 124: 297-305.
5. Fu, Y.P., et al. 2010. NOTCH2 in breast cancer: association of SNP rs11249433 with gene expression in ER-positive breast tumors without TP53 mutations. *Mol. Cancer* 9: 113.
6. Kohaar, I., et al. 2010. Splicing diversity of the human OCLN gene and its biological significance for hepatitis C virus entry. *J. Virol.* 84: 6987-6994.
7. Reynoso, D., et al. 2011. Synergistic induction of apoptosis by the Bcl-2 inhibitor ABT-737 and imatinib mesylate in gastrointestinal stromal tumor cells. *Mol. Oncol.* 5: 93-104.
8. Boshnjaku, V., et al. 2012. Nuclear localization of folate receptor α : a new role as a transcription factor. *Sci. Rep.* 2: 980.
9. Kanwal, S., et al. 2013. O-GlcNAcylation-inducing treatments inhibit estrogen receptor α expression and confer resistance to 4-OH-tamoxifen in human breast cancer-derived MCF-7 cells. *PLoS ONE* 8: e69150.

RESEARCH USE

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