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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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mouse anti-goat IgG-R: sc-2490

BACKGROUND

Santa Cruz Biotechnology's high quality, well characterized monoclonal secondary antibodies are available conjugated to either an enzyme, biotin or fluorophore for use in a variety of antibody-based applications, including Western blotting, immunostaining and flow cytometry. Santa Cruz secondary antibodies are commonly affinity purified against immobilized whole IgG isotypes, including IgG₁, IgG_{2a}, IgG_{2b}, IgG₃ and IgG₄. Monoclonal secondary antibodies are available conjugated to HRP for Western blotting (WB) and immunohistochemistry (IHC); (CM) or Cruz Marker form of HRP conjugated secondary antibodies are suitable for use with our Cruz Marker[®] molecular weight standards; FITC (fluorescein isothiocyanate), PE (phycoerythrin), R (TRITC: tetramethyl rhodamine isothiocyanate), TR (Texas Red[®]), PerCP (peridinin chlorophyll protein complex), PerCP-Cy5.5 (peridinin chlorophyll protein complex with cyanin-5.5), and CruzFluor[®] (488, 555 and 594) for immunofluorescence (IF), immunohistochemistry (IHC) and flow cytometry (FCM); B (biotin) for immunohistochemistry (IHC); AP (alkaline phosphatase) for Western blotting (WB); and CruzFluor[®] 680 and 790 for near-infrared (NIR) Western blotting (WB), immunofluorescence (IF), immunohistochemistry (IHC) and flow cytometry (FCM).

SOURCE

mouse anti-goat IgG-R is an affinity purified secondary antibody raised in mouse against goat IgG and conjugated to TRITC (rhodamine).

PRODUCT

Each vial contains 200 µg mouse IgG in 0.5 ml of PBS containing 1% stabilizer protein and 0.02% sodium azide.

APPLICATIONS

mouse anti-goat IgG-R is recommended for detection of goat IgG by immunofluorescence staining (starting dilution: 1:100, dilution range: 1:100-1:400), immunohistochemical staining (starting dilution: 1:100, dilution range: 1:100-1:400) and flow cytometry (0.5-1 µg per 1 x 10⁶ cells). Optimal dilution to be determined by titration.

RECOMMENDED SUPPORT PRODUCTS

- CrystalCruz[®] Cover Glasses, 22 x 50 mm, precleaned: sc-24975
- PBS (Phosphate Buffered Saline), powder, 1 packet: sc-24947
- Formaldehyde, 37% formaldehyde solution, 25 ml: sc-203049
- Hydrogen Peroxide, 30% solution, 100 ml: sc-203336
- Organo/Limonene Mount, non-toxic alternative to Permount, 100 ml: sc-45087
- UltraCruz[®] Mounting Medium, aqueous-based, 10 ml: sc-24941
- ImmunoHistoMount, aqueous-based mounting medium, 30 ml: sc-45086
- Immuno In Situ Mount, for use with *in situ* hybridization, 30 ml: sc-45088
- Paraffin, for the preparation of tissue samples for staining, 500 g: sc-286633
- Xylenes, mixed isomers with ethylbenzene, 500 ml: sc-237422
- Hematoxylin, Gill's Formulation #2; nuclear counter stain, 100 ml: sc-24973

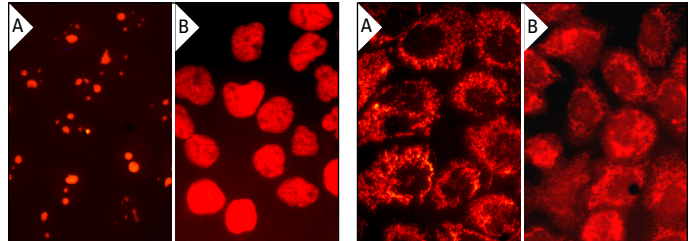
RESEARCH USE

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

STORAGE

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

DATA



Nucleostemin (C-14): sc-46212. Immunofluorescence staining of formalin-fixed A-431 cells showing nucleolar and nuclear localization (A). Histone cluster 1 H1B (N-15): sc-247158. Immunofluorescence staining of formalin-fixed A-431 cells showing nuclear localization (B). Detection reagent used: mouse anti-goat IgG-R: sc-2490.

HSP 60 (K-19): sc-1722. Immunofluorescence staining of formalin-fixed A-431 cells showing mitochondrial localization (A). MFF (T-14): sc-168593. Immunofluorescence staining of formalin-fixed A-431 cells showing mitochondrial localization (B). Detection reagent used: mouse anti-goat IgG-R: sc-2490.

SELECT PRODUCT CITATIONS

- Scheibe, R.J., et al. 2006. Expression of membrane-bound carbonic anhydrases IV, IX, and XIV in the mouse heart. *J. Histochem. Cytochem.* 54: 1379-1391.
- Scheibe, R.J., et al. 2008. Carbonic anhydrases IV and IX: subcellular localization and functional role in mouse skeletal muscle. *Am. J. Physiol., Cell Physiol.* 294: C402-C412.
- Li, Y., et al. 2013. Cell recognition molecule L1 promotes embryonic stem cell differentiation through the regulation of cell surface glycosylation. *Biochem. Biophys. Res. Commun.* 440: 405-412.
- Vázquez-Velasco, M., et al. 2014. Liver oxidation and inflammation in Fa/Fa rats fed glucomannan/spirulina-surimi. *Food Chem.* 159: 215-221.
- Sarma, N.J., et al. 2014. Hepatitis C virus-induced changes in microRNA 107 (miRNA-107) and miRNA-449a modulate CCL2 by targeting the interleukin-6 receptor complex in hepatitis. *J. Virol.* 88: 3733-3743.
- Vázquez-Velasco, M., et al. 2015. Effects of glucomannan/spirulina-surimi on liver oxidation and inflammation in Zucker rats fed atherogenic diets. *J. Physiol. Biochem.* 71: 611-622.
- Santos-López, J.A., et al. 2016. Effects of silicon vs. hydroxytyrosol-enriched restructured pork on liver oxidation status of aged rats fed high-saturated/high-cholesterol diets. *PLoS One* 11: e0147469.

PROTOCOLS

See our web site at www.scbt.com for detailed protocols and support products.

Texas Red[®] is a registered trademark of Molecular Probes (6/02).