

mouse anti-rabbit IgG-R: sc-2492

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-rabbit IgG-R is an affinity purified secondary antibody raised in mouse against rabbit 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-rabbit IgG-R is recommended for detection of rabbit 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

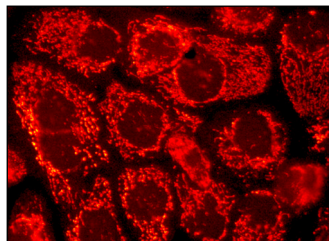
RESEARCH USE

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

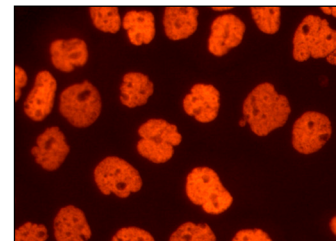
STORAGE

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

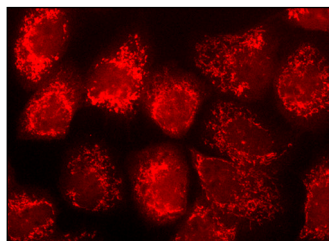
DATA



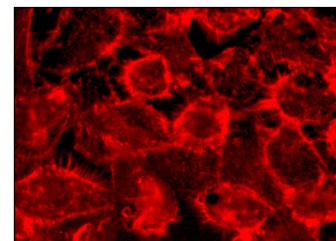
LRP130 (M-300): sc-66845. Immunofluorescence staining of formalin-fixed A-431 cells showing mitochondrial localization. Detection reagent used: mouse anti-rabbit IgG-R: sc-2492.



Ac-Histone H4 (Lys 8)-R: sc-8660-R. Immunofluorescence staining of formalin-fixed A-431 cells showing nuclear localization. Detection reagent used: mouse anti-rabbit IgG-R: sc-2492.



LRP130 (H-300): sc-66844. Immunofluorescence staining of formalin-fixed A-431 cells showing mitochondrial localization. Detection reagent used: mouse anti-rabbit IgG-R: sc-2492.



CCDC108 (E-12): sc-137363. Immunofluorescence staining of formalin-fixed A-431 cells showing membrane localization. Detection reagent used: mouse anti-rabbit IgG-R: sc-2492.

SELECT PRODUCT CITATIONS

- Meissner, J.D., et al. 2007. Activation of the β myosin heavy chain promoter by MEF-2D, MyoD, p300, and the calcineurin/NFATc1 pathway. *J. Cell. Physiol.* 211: 138-148.
- Abdulkhalek, S., et al. 2011. Neu1 sialidase and matrix metalloproteinase-9 cross-talk is essential for Toll-like receptor activation and cellular signaling. *J. Biol. Chem.* 286: 36532-36549.
- Sarma, N.J., et al. 2012. Hepatitis C virus mediated changes in miRNA-449a modulates inflammatory biomarker YKL40 through components of the NOTCH signaling pathway. *PLoS ONE* 7: e50826.
- Ma, X., et al. 2015. Keloid-derived keratinocytes acquire a fibroblast-like appearance and an enhanced invasive capacity in a hypoxic microenvironment *in vitro*. *Int. J. Mol. Med.* 35: 1246-1256.

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).