

mouse anti-goat IgG-HRP (Cruz Marker): sc-2354-CM

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, 594 and 647) 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-HRP (Cruz Marker) is a Cruz Marker™ compatible affinity purified secondary antibody raised in mouse against goat IgG and conjugated to HRP (horseradish peroxidase).

PRODUCT

Each vial contains 200 µg mouse IgG in 0.5 ml of PBS containing 40% glycerol, 1% stabilizer protein and < 0.01% thimerosal.

APPLICATIONS

mouse anti-goat IgG-HRP (Cruz Marker) is recommended for detection of goat IgG by ECL Western Blotting (starting dilution: 1:1000, dilution range: 1:1000-1:10000). Optimal dilution to be determined by titration.

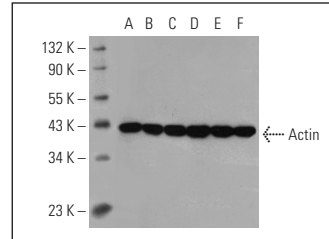
RECOMMENDED SUPPORT PRODUCTS

- Western Blotting Luminol Reagent, for 2,000 cm² membrane area: sc-2048
- RIPA Lysis Buffer, 50 ml, cell lysis buffer with protease inhibitors: sc-24948
- Electrophoresis Sample Buffer, 2X, 25 ml, reducing buffer: sc-24945
- Complete™ Protease Inhibitor Cocktail Tablet, 20 tablets: sc-29130
- 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
- TBS Blotto A, lyophilized powder in single-use bottle: sc-2333
- 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
- UltraCruz® Tissue Culture Dish, 100 mm polystyrene dish: sc-200286
- UltraCruz® Autoradiography Film, Blue, 8 x 1, 100 sheets: sc-201697
- UltraCruz® Gel Incubation Trays, 100 per pack: sc-201755 (blue), sc-201756 (green), sc-201757 (pink), sc-201758 (yellow), sc-201759 (orange)

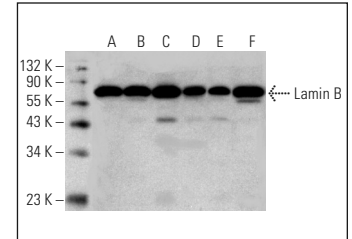
STORAGE

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

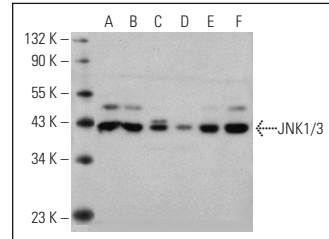
DATA



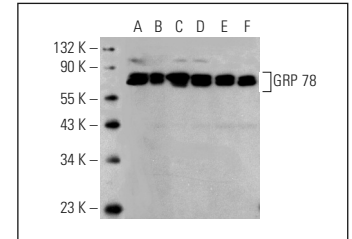
Actin (C-11): sc-1615. Western blot analysis of Actin expression in A-431 (A), HeLa (B), C32 (C), SolB (D), NIH/3T3 (E) and KNRK (F) whole cell lysates. Detection reagent used: mouse anti-goat IgG-HRP (Cruz Marker): sc-2354-CM.



Lamin B (M-20): sc-6217. Western blot analysis of Lamin B expression in Jurkat (A), Y79 (B), F9 (C), HeLa (D), MOLT-4 (E) and CCRF-CEM (F) whole cell lysates. Detection reagent used: mouse anti-goat IgG-HRP (Cruz Marker): sc-2354-CM.



JNK1/3 (C-17)-G: sc-474-G. Western blot analysis of JNK1/3 expression in Jurkat (A), K-562 (B), A-431 (C), HeLa (D), NIH/3T3 (E) and KNRK (F) whole cell lysates. Detection reagent used: mouse anti-goat IgG-HRP (Cruz Marker): sc-2354-CM.



GRP 78 (N-20): sc-1050. Western blot analysis of GRP 78 expression in Jurkat (A), HeLa (B), Hep G2 (C), JAR (D), NIH/3T3 (E) and KNRK (F) whole cell lysates. Detection reagent used: mouse anti-goat IgG-HRP (Cruz Marker): sc-2354-CM.

RESEARCH USE

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

PROTOCOLS

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