

IgG secondary antibody

DyLight 647 Conjugated AffiniPure Goat Anti-Mouse IgG (H+L)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA127949	Goat	Mouse	Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay

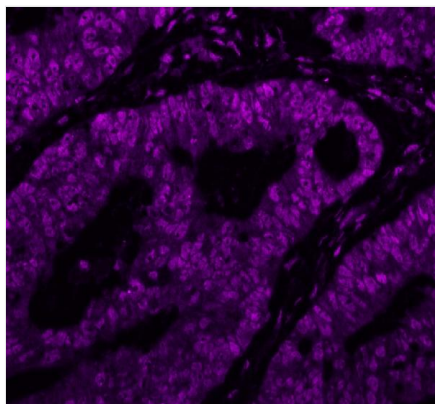
PRODUCT SYNONYMS

IgG; Polyclonal Secondary Antibody; DyLight 647 Conjugated AffiniPure Goat Anti-Mouse IgG (H+L); IgG secondary antibody

PRODUCT SPECIFICATIONS

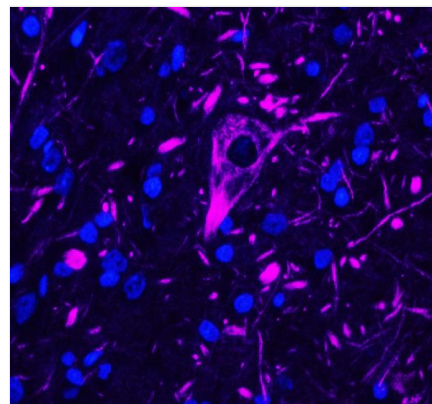
Host	Goat
Reactivity	Mouse
Clonality	Polyclonal
Concentration	1mg/ml (varies by lot)
Applicable Applications for IgG secondary antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Immunogen	Mouse IgG (whole molecular)
Preparation and Storage	At -20 degree C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.

IMAGES



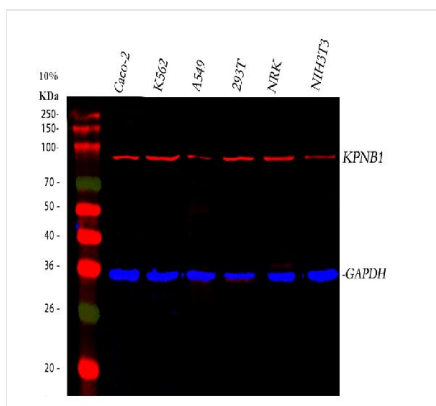
IF (Immunofluorescence)

Figure 3. IF analysis of NEFH using anti-NEFH antibody (MA1071).NEFH was detected in a paraffin-embedded section of human colon cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 5ug/mL mouse anti-NEFH Antibody (MA1071) overnight at 4 degree C. DyLight 647 Conjugated Goat Anti-Mouse IgG (AAA127949) was used as secondary antibody at 1:500 dilution and incubated for 30 minutes at 37 degree C. The section was counterstained with DAPI. Visualize using a fluorescence microscope and filter sets appropriate for the label used.



IF (Immunofluorescence)

Figure 2. IF analysis of NEFH using anti-NEFH antibody (MA1071).NEFH was detected in a paraffin-embedded section of rat brain tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 5ug/mL mouse anti-NEFH Antibody (MA1071) overnight at 4 degree C. DyLight 647 Conjugated Goat Anti-Mouse IgG (AAA127949) was used as secondary antibody at 1:500 dilution and incubated for 30 minutes at 37 degree C. The section was counterstained with DAPI. Visualize using a fluorescence microscope and filter sets appropriate for the label used.



WB (Western Blot)

Figure 1. Western blot analysis of Importin Beta/KPNB1 using anti-Importin Beta/KPNB1 antibody (M01851-2). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human Caco-2 whole cell lysates, Lane 2: human K562 whole cell lysates, Lane 3: human A549 whole cell lysates, Lane 4: human 293T whole cell lysates, Lane 5: rat NRK whole cell lysates, Lane 6: mouse NIH/3T3 whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-Importin Beta/KPNB1 antigen affinity purified monoclonal antibody at 0.5ug/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-mouse IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for Importin Beta/KPNB1 at approximately 97 kDa. The expected band size for Importin Beta/KPNB1 is at 97 kDa.

ADDITIONAL INFORMATION

Product Categories/Family for IgG secondary antibody

Secondary Antibodies

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/igg-secondary-antibody-western-blot-immunofluorescence-flow-cytometry-elisa/127949>