

Biotin Recombinant Antibody

Rabbit anti-Biotin Recombinant Monoclonal Antibody [BLR315M]

CATALOG #	HOST	APPLICATIONS
AAA213706	Rabbit	Immunocytochemistry, Immunohistochemistry, Immunoprecipitation, Western Blot

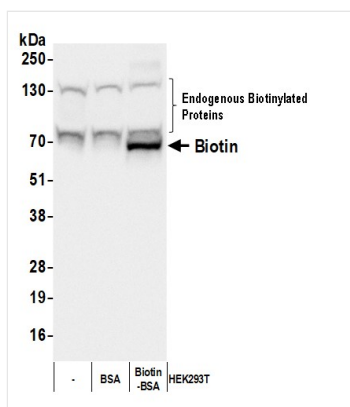
PRODUCT SYNONYMS

Biotin; Monoclonal Recombinant Antibody; Rabbit anti-Biotin Recombinant Monoclonal Antibody [BLR315M]; Biotin recombinant antibody

PRODUCT SPECIFICATIONS

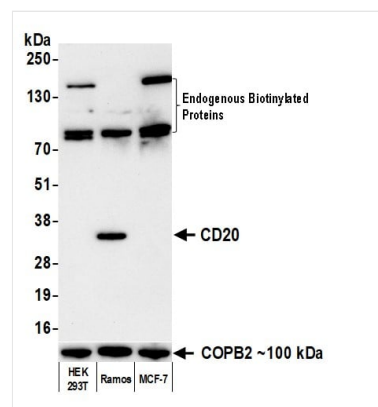
Host	Rabbit
Clonality	Monoclonal
Clone Number	BLR315M
Purity/Purification	Purified
Form/Format	Liquid. Whole IgG. Phosphate Buffered Saline (PBS) with 0.1% BSA and 0.09% Sodium Azide
Concentration	250ug/ml (varies by lot)
Applicable Applications for Biotin recombinant antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Biotin
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



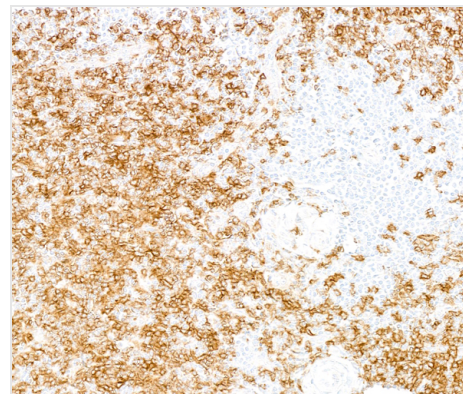
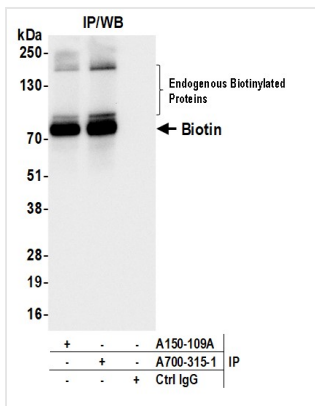
WB (Western Blot)

Detection of Biotin by western blot. Samples: Whole cell lysate (50 ug) from HEK293T cells with or without BSA (0.01 ug) or Biotin-BSA (0.01 ug) added. Antibody: Rabbit anti-Biotin recombinant monoclonal antibody (AAA213706 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 3 seconds.



WB (Western Blot)

Detection of biotinylated anti-CD20 antibody by western blot. Samples: Whole cell lysate (10 ug) from HEK293T, Ramos, and MCF-7 cells prepared using NETN lysis buffer. Primary: Biotinylated mouse anti-CD20 monoclonal antibody used at 1:1000. Secondary: Rabbit anti-Biotin recombinant monoclonal antibody (AAA213706 lot 1) used at 1:1000. Tertiary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 30 seconds. Lower Panel: Rabbit anti-COPB2 antibody .



IHC (Immunohistochemistry)

Detection of Biotin by immunohistochemistry. Sample: FFPE section of tonsil. Antibody: Rabbit anti-Biotin recombinant monoclonal antibody (AAA213706). Primary: Biotin conjugated mouse anti-CD20 monoclonal antibody . Tertiary: HRP-conjugated goat anti-rabbit IgG .

IP (Immunoprecipitation)

Detection of Biotin by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from 293T cells + Biotin conjugated to BSA. Antibodies: Rabbit anti-Biotin recombinant monoclonal antibody (AAA213706 lot 1) used for IP at 20 ul/mg lysate. Biotin was also immunoprecipitated by a second antibody against Biotin . For blotting immunoprecipitated Biotin, AAA213706 was used at 1:1000. Detection: Chemiluminescence with an exposure time of 1 second.



ICC (Immunocytochemistry)

Detection of Biotin by immunocytochemistry. Sample: FFPE section of Raji cells. Antibody: Rabbit anti-Biotin recombinant monoclonal antibody (AAA213706). Primary: Biotin conjugated mouse anti-CD20 monoclonal antibody . Tertiary: HRP-conjugated goat anti-rabbit IgG .

ADDITIONAL INFORMATION

Related Product Information for Biotin recombinant antibody

Biotin, also known as Vitamin B7, is primarily known for its role in mammalian metabolism as a coenzyme. In molecular biology, biotin can be conjugated to molecules to serve as a binding partner for streptavidin.

Product Categories/Family for Biotin recombinant antibody

[Primary 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/monoclonal/biotin-recombinant-antibody-clone-blr315m-immunocytochemistry-immunohistochemistry-immunoprecipitation-western-blot-elisa/213706>