IgM recombinant antibody

Rabbit anti-IgM Recombinant Monoclonal Antibody [BLR294L]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213693	**Rabbit**	**Human, Mouse**	**Flow Cytometry, Functional Assay, Immunocytochemistry, Immunohistochemistry, Immunoprecipitation, Western Blot**

PRODUCT SYNONYMS

IgM; Monoclonal Recombinant Antibody; Rabbit anti-IgM Recombinant Monoclonal Antibody [BLR294L]; IgM recombinant antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Clone Number	BLR294L
Purity/Purification	Purified
Form/Format	Liquid. Whole IgG. Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide
Concentration	100ug/ml (varies by lot)
Applicable Applications for IgM recombinant antibody	FCM/FACS (Flow Cytometry), ICC (Immunocytochemistry), IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Human IgM
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

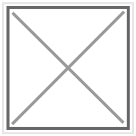
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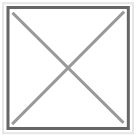
WB (Western Blot)
Detection of mouse IgM by western blot. Samples: Whole cell lysate (50 ug) from NIH 3T3, WEHI-231, CT26, CH27, and TCMK-1 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-IgM recombinant monoclonal antibody (AAA213693 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 1 second. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody .



WB (Western Blot)
Detection of human IgM by western blot. Samples: Whole cell lysate (10 ug) from Daudi, MOLT-4, Raji, HEK293T, and Ramos cells prepared using NETN lysis buffer. Antibody: Rabbit anti-IgM recombinant monoclonal antibody (AAA213693 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 10 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody .



ICC (Immunocytochemistry)
Detection of human IgM by immunocytochemistry. Sample: FFPE section of Daudi cells. Antibody: Rabbit anti-IgM recombinant monoclonal antibody (AAA213693 lot 1) used for IP at 20 ul/mg lysate. IgM was also immunoprecipitated by a second antibody against IgM . For blotting immunoprecipitated IgM, AAA213693 was used at 1:1000. Detection: Chemiluminescence with an exposure time of 3 seconds.



FCM/FACS (Flow Cytometry)
Detection of human IgM (shaded) in Raji cells by flow cytometry. Antibody: Rabbit anti-IgM recombinant monoclonal antibody (AAA213693) or isotype control (unshaded). Secondary: DyLight 650-conjugated goat anti-rabbit IgG .

ADDITIONAL INFORMATION

Related Product Information for IgM recombinant antibody	Immunoglobulin M (IgM) is the first human immunoglobulin isotype to appear on the surface of developing B cells and is a major component of the B cell antigen receptor (BCR) signaling complex, which drives B cell survival and proliferation upon antigen-induced ligation. IgM is the first antibody to be secreted by plasmablasts in a humoral immune response after exposure to antigen. Structurally, IgM is the largest immunoglobulin and predominantly exists in pentameric form when secreted.
Product Categories/Family for IgM 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/igm-recombinant-antibody-clone-blr294l-flow-cytometry-immunocytochemistry-immunohistochemistry-immunoprecipitation-western-blot-elisa/213693