

IL18R1 recombinant antibody

Rabbit anti-IL18R1 Recombinant Monoclonal Antibody [BLR172J]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213626	Rabbit	Human	Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

IL18R1; Monoclonal Recombinant Antibody; Rabbit anti-IL18R1 Recombinant Monoclonal Antibody [BLR172J]; IL-18Ralpha; CDw218a; interleukin-18 receptor 1; IL1R-rp; IL-1Rrp; IL1RRP; interleukin-18 receptor alpha; IL18Ralpha2; IL-18R-alpha; IL-18R-1; IL-18R1; cytokine receptor; CD218a; CD218 antigen-like family member A; CD antigen CD218a; IL18RA; IL1 receptor-related protein; Interleukin-18 receptor 1; interleukin 18 receptor 1; IL18R1 recombinant antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	BLR172J
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 IL18R1 recombinant antibody	FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	Residues 25-329 (ECD)
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 human IL18R1 by western blot. Samples: Whole cell lysate (25 ug) from NK-92, HEK293T, HDLM-2, NCI-H226, and NCI-H460 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-IL18R1 recombinant monoclonal antibody (AAA213626 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 75 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody .



FCM/FACS (Flow Cytometry)

Detection of human IL18R1 (shaded) in Jurkat cells by flow cytometry. Antibody: Rabbit anti-IL18R1 recombinant monoclonal (AAA213626 lot 1) or isotype control (unshaded). Secondary: DyLight 488-conjugated goat anti-rabbit IgG .

ADDITIONAL INFORMATION

Related Product Information for IL18R1 recombinant antibody	IL18R1 a cytokine receptor that belongs to the interleukin 1 receptor family. It specifically binds interleukin 18 (IL18) and is essential for IL18 mediated signal transduction. IFN-alpha and IL12 are reported to induce the expression of IL18R1 in NK and T cells. [taken from NCBI Entrez Gene (Gene ID: 8809)].
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504655
NCBI GeneID	8809
NCBI Accession #	NP_003846.1
NCBI GenBank Nucleotide #	NM_003855.2
UniProt Accession #	Q13478; Q52LC9; B2R9Y5
Molecular Weight	62,304 Da
NCBI Official Full Name	interleukin-18 receptor 1
NCBI Official Synonym Full Names	interleukin 18 receptor 1
NCBI Official Symbol	IL18R1
NCBI Official Synonym Symbols	CD218a; IL18RA; IL1RRP; CDw218a; IL-1Rrp
NCBI Protein Information	interleukin-18 receptor 1; IL-18R1; IL1R-rp; IL-18R-1; cytokine receptor; IL1 receptor-related protein; CD218 antigen-like family member A
UniProt Protein Name	Interleukin-18 receptor 1
UniProt Gene Name	IL18R1
UniProt Synonym Gene Names	IL1RRP; IL-18R-1; IL-18R1; IL-1Rrp; IL1R-rp
UniProt Entry Name	IL18R_HUMAN

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/il18r1-recombinant-antibody-clone-blr172j-flow-cytometry-western-blot-elisa/213626>