

Rabbit anti-Human, Mouse IL12RB1 Polyclonal Antibody | anti-IL12RB1 antibody

IL12RB1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279661	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

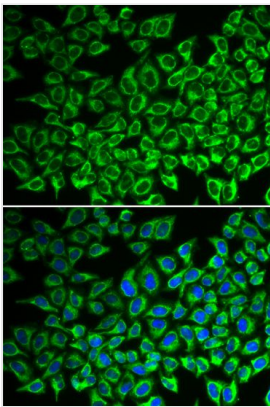
PRODUCT SYNONYMS

IL12RB1; Polyclonal Antibody; IL12RB1 Polyclonal Antibody; CD212; IMD30; IL12RB; IL-12R-BETA1; anti-IL12RB1 antibody

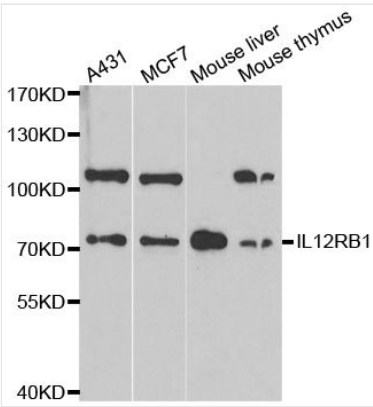
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	662
Applicable Applications for anti-IL12RB1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human IL12RB1
Calculated Molecular Weight	73kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of A549 cells using IL12RB1 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using IL12RB1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5min.

ADDITIONAL INFORMATION

Related Product Information for anti-IL12RB1 antibody	The protein encoded by this gene is a type I transmembrane protein that belongs to the hemopoietin receptor superfamily. This protein binds to interleukine 12 (IL12) with a low affinity, and is thought to be a part of IL12 receptor complex. This protein forms a disulfide-linked oligomer, which is required for its IL12 binding activity. The coexpression of this and IL12RB2 proteins was shown to lead to the formation of high-affinity IL12 binding sites and reconstitution of IL12 dependent signaling. Mutations in this gene impair the development of interleukin-17-producing T lymphocytes and result in increased susceptibility to mycobacterial and Salmonella infections. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-IL12RB1 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	1170462
NCBI GeneID	3594
UniProt Accession #	P42701; Q8N6Q7; A8K308; B2RPF1; B7ZKK3
Molecular Weight	662
NCBI Official Full Name	Interleukin-12 receptor subunit beta-1
NCBI Official Synonym Full Names	interleukin 12 receptor, beta 1
NCBI Official Symbol	IL12RB1
NCBI Official Synonym Symbols	CD212; IMD30; IL12RB; IL-12R-BETA1
NCBI Protein Information	interleukin-12 receptor subunit beta-1; IL-12R subunit beta-1; IL-12 receptor beta component; IL-12 receptor subunit beta-1; cluster of differentiation 212; interleukin-12 receptor beta-1 chain
UniProt Protein Name	Interleukin-12 receptor subunit beta-1
UniProt Gene Name	IL12RB1
UniProt Synonym Gene Names	IL12R; IL12RB; IL-12 receptor subunit beta-1; IL-12R subunit beta-1; IL-12R-beta-1; IL-12RB1
UniProt Entry Name	I12R1_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/polyclonal/il12rb1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/279661>