

Rabbit IL12RB1 Polyclonal Antibody | anti-IL12RB1 antibody

IL12RB1 Polyclonal Antibody

CATALOG # AAA167643	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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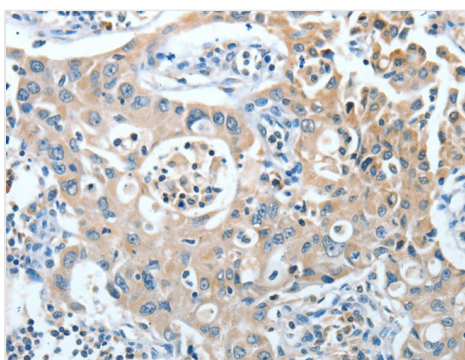
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

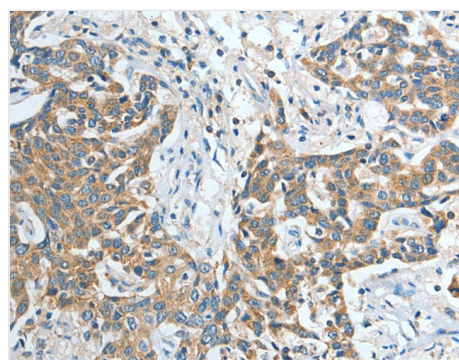
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	0.8mg/mL (varies by lot)
Sequence Length	702
Applicable Applications for anti-IL12RB1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant protein of human IL12RB1
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human lung cancer tissue using IL12RB1 Polyclonal Antibody at dilution 1:20



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using IL12RB1 Polyclonal Antibody at dilution 1:20

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. The lack of expression of this gene was found to result in the immunodeficiency of patients with severe mycobacterial and Salmonella infections. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	586946418
NCBI GeneID	3594
NCBI Accession #	NP_001276953.1
NCBI GenBank Nucleotide #	NM_001290024.1
Molecular Weight	42,366 Da
NCBI Official Full Name	interleukin-12 receptor subunit beta-1 isoform 4
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-12 receptor beta component; IL-12 receptor subunit beta-1; IL-12R 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.