

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

Anti-IL12RB1 Antibody, Rabbit Polyclonal

CATALOG # AAA257015	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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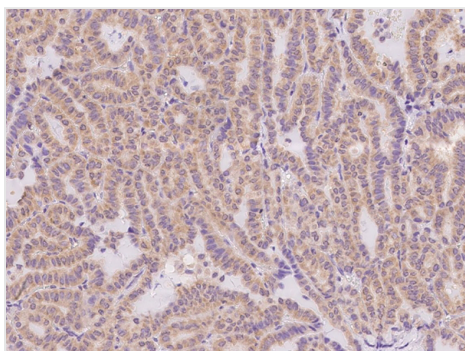
PRODUCT SYNONYMS

IL12RB1; Polyclonal Antibody; Anti-IL12RB1 Antibody; Rabbit Polyclonal; IL12RB1 Antibody; Rabbit PAb; Antigen Affinity Purified; interleukin 12 receptor; beta 1; Anti-CD212 Antibody; Anti-IL-12R-BETA1 Antibody; Anti-IL12RB Antibody; Anti-IMD30 Antibody; anti-IL12RB1 antibody

PRODUCT SPECIFICATIONS

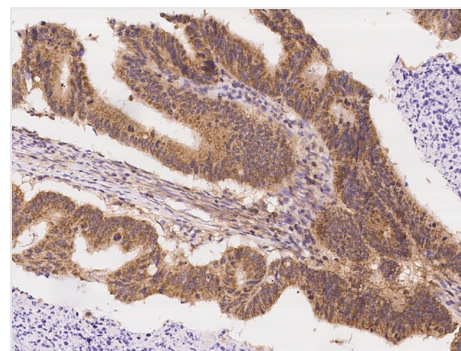
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human IL12RB1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-IL12RB1 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human IL12RB1 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human IL12RB1 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human IL12RB1 in human thyroid carcinoma with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human IL12RB1 in human colon carcinoma with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-IL12RB1 antibody	Interleukin 12 receptor, beta 1 is also known as IL-12 receptor beta component, IL-12R subunit beta-1, and CD212 antigen (CD212). IL12RB1(CD212) is a subunit of the interleukin 12 receptor. IL12RB1(CD212) is a type I transmembrane protein that belongs to the hemopoietin receptor superfamily. This protein binds to interleukin 12 (IL12) with a low affinity and is thought to be a part of the IL12 receptor complex. IL12RB1(CD212) forms a disulfide-linked oligomer, which is required for its IL12 binding activity. The coexpression of IL12RB1 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. IL12RB1(CD212) Functions as an interleukin receptor that binds interleukin-12 with low affinity and is involved in IL12 transduction. It is associated with IL12RB2 it forms a functional, high-affinity receptor for IL12. IL12RB1(CD212) associates also with IL23R to form the interleukin-23 receptor which functions in IL23 signal transduction probably through activation of the Jak-Stat signaling cascade.
Product Categories/Family for anti-IL12RB1 antibody	AKT Signaling Pathway
References	Cleary AM, et al. (2003) Impaired accumulation and function of memory CD4 T cells in human IL-12 receptor beta 1 deficiency. J Immunol. 170 (1): 597-603.Suzuki Y, et al. (1997) Construction and characterization of a full length-enriched and a 5'-end-enriched cDNA library. Gene. 200 (1-2): 149-56.Yamamoto K, et al. (1997) Assignment of IL12RB1 and IL12RB2, interleukin-12 receptor beta 1 and beta 2 chains, to human chromosome 19 band p13.1 and chromosome 1 band p31.2, respectively, by in situ hybridization. Cytogenet. Cell Genet. 77 (3-4): 257-8.

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://www.aaabiotech.com/polyclonal/il12rb1-antibody-immunohistochemistry-elisa/257015>