

IL12RB1 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3227a**Specification**

IL12RB1 Antibody (internal region) - Product Information

Application	WB
Primary Accession	P42701
Other Accession	NP_005526.1 , 3594
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	73109

IL12RB1 Antibody (internal region) - Additional Information**Gene ID** 3594**Other Names**

Interleukin-12 receptor subunit beta-1, IL-12 receptor subunit beta-1, IL-12R subunit beta-1, IL-12R-beta-1, IL-12RB1, IL-12 receptor beta component, CD212, IL12RB1, IL12R, IL12RB

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

IL12RB1 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

IL12RB1 Antibody (internal region) - Protein Information**Name** IL12RB1**Synonyms** IL12R, IL12RB**Function**

Functions as an interleukin receptor which binds interleukin- 12 with low affinity and is involved in IL12 transduction. Associated with IL12RB2 it forms a functional, high affinity receptor for IL12. 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.

Cellular Location

Membrane; Single-pass type I membrane protein.

IL12RB1 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

IL12RB1 Antibody (internal region) - Images

AF3227a (0.3 µg/ml) staining of Peripheral Blood Lymphocytes lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

IL12RB1 Antibody (internal region) - Background

This antibody is expected to recognize isoform 1 (NP_005526.1) only.

IL12RB1 Antibody (internal region) - References

Association of single nucleotide polymorphisms in the IL-12 (IL-12A and B) and IL-12 receptor (IL-12Rbeta1 and beta2) genes and gene-gene interactions with atopic dermatitis in Koreans. Namkung JH, Lee JE, Kim E, Kim S, Kim S, Shin ES, Cho EY, Yang JM, J Dermatol Sci. 2010 Mar;57(3):199-206. PMID: 20060272