

Goat Anti-IL12b / IL12p40 (mouse) Antibody
Peptide-affinity purified goat antibody
Catalog # AF1561a**Specification**

Goat Anti-IL12b / IL12p40 (mouse) Antibody - Product Information

Application	WB, E
Primary Accession	P43432
Other Accession	NP_032378 , 16160 (mouse) , 64546 (rat)
Reactivity	Mouse, Rat
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	38235

Goat Anti-IL12b / IL12p40 (mouse) Antibody - Additional Information**Gene ID** 16160**Other Names**

Interleukin-12 subunit beta, IL-12B, Cytotoxic lymphocyte maturation factor 40 kDa subunit, CLMF p40, IL-12 subunit p40, IL12b

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, 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

Goat Anti-IL12b / IL12p40 (mouse) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-IL12b / IL12p40 (mouse) Antibody - Protein Information**Name** IL12b**Function**

Cytokine that can act as a growth factor for activated T and NK cells, enhance the lytic activity of NK/lymphokine-activated killer cells, and stimulate the production of IFN-gamma by resting PBMC.

Cellular Location
Secreted.**Goat Anti-IL12b / IL12p40 (mouse) Antibody - 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](#)

Goat Anti-IL12b / IL12p40 (mouse) Antibody - Images

AF1561a (1 µg/ml) staining of Rat Liver lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-IL12b / IL12p40 (mouse) Antibody - References

CD8+ T cell responses following replication-defective adenovirus serotype 5 immunization are dependent on CD11c+ dendritic cells but show redundancy in their requirement of TLR and nucleotide-binding oligomerization domain-like receptor signaling. Lindsay RW, et al. J Immunol, 2010 Aug 1. PMID 20610651.

IFN-alpha beta and self-MHC divert CD8 T cells into a distinct differentiation pathway characterized by rapid acquisition of effector functions. Marshall HD, et al. J Immunol, 2010 Aug 1. PMID 20592282.

IL-12p35 promotes antibody-induced joint inflammation by activating NKT cells and suppressing TGF-beta. Park Y, et al. J Immunol, 2010 Aug 1. PMID 20581146.

Arginase I suppresses IL-12/IL-23p40-driven intestinal inflammation during acute schistosomiasis. Herbert DR, et al. J Immunol, 2010 Jun 1. PMID 20483789.

The roles of IL-12 and IL-23 in CD8+ T cell-mediated immunity against *Listeria monocytogenes*: Insights from a DC vaccination model. Henry CJ, et al. Cell Immunol, 2010. PMID 20483409.