

Rabbit anti-Human IL4 Monoclonal Antibody | anti-IL4 antibody

IL4 Rabbit mAb

CATALOG # AAA283054	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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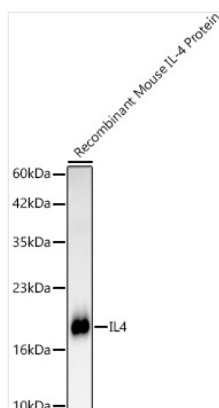
PRODUCT SYNONYMS

IL4; Monoclonal Antibody; IL4 Rabbit mAb; IL-4; BSF-1; anti-IL4 antibody

PRODUCT SPECIFICATIONS

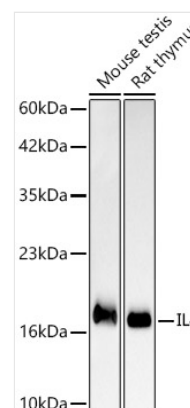
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	HIHGCDKNHL REIIGILNEV TGEPTCTEM DVPNVLATK NTTESELVCR ASKVLRI FYL KHGKTPCLKK NSSVLMELQR LFRAFRCLDS SISCTMNESK STSLKDFLES LKSIMQMDYS
Applicable Applications for anti-IL4 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 21-140 of mouse IL4 (NP_067258.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of Recombinant Mouse IL-4 Protein (RP01161), using IL4 Rabbit mAb (AAA283054) at 1:2000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 10ng per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



WB (Western Blot)

Western blot analysis of various lysates, using IL4 Rabbit mAb (AAA283054) at 1:2000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-IL4 antibody	Enables cytokine activity. Involved in several processes, including innate immune response in mucosa; negative regulation of white fat cell proliferation; and regulation of gene expression. Acts upstream of or within several processes, including T-helper cell differentiation; positive regulation of macromolecule metabolic process; and regulation of leukocyte activation. Located in external side of plasma membrane and extracellular space. Is expressed in several structures, including brain; colon; hemolymphoid system; liver; and placenta. Used to study Sjogren's syndrome; atopic dermatitis; and type 1 diabetes mellitus. Human ortholog(s) of this gene implicated in several diseases, including asthma (multiple); autoimmune disease (multiple); hepatitis B; hepatitis C; and pancreatic cancer (multiple). Orthologous to human IL4 (interleukin 4).
Product Categories/Family for anti-IL4 antibody	Immunology; Innate Immunity; Cytokines; Interleukins; Immunology; Adaptive Immunity; Regulatory T Cells; Neuroscience; Processes; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	10946584
NCBI GeneID	16189
NCBI Accession #	NP_067258.1
NCBI GenBank Nucleotide #	NM_021283.2
UniProt Accession #	P07750
Molecular Weight	Calculated MW: 16kDa Observed MW: 16kDa/18kDa
UniProt Protein Name	Interleukin-4
UniProt Gene Name	IL4
UniProt Synonym Gene Names	IL-4; IL-4; BSF-1
UniProt Entry Name	IL4_MOUSE

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/monoclonal/il4-antibody-western-blot-elisa/283054>