

Rabbit anti-Mouse IL18 Polyclonal Antibody | anti-IL18 antibody

Anti-mouse IL18 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA44942	Rabbit	Mouse	ELISA, Immunohistochemistry, Western Blot

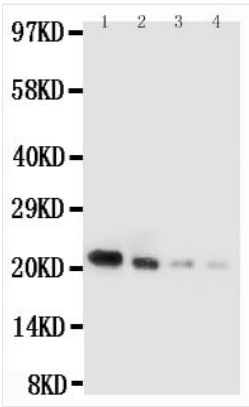
PRODUCT SYNONYMS

IL18; Polyclonal Antibody; Anti-mouse IL18 antibody; Interleukin-18; interleukin 18(interferon-gamma-inducing factor); Iboctadekin antibody; IFN gamma inducing factor antibody; IFN-gamma-inducing factor antibody; IGIF antibody; IL 1 gamma antibody; IL 18 antibody; IL 1g antibody; IL-1 gamma antibody; IL-18 antibody; IL1 gamma antibody; IL18 antibody; IL18 protein antibody; IL1F4 antibody; IL1g antibody; IL1gamma antibody; IL1F4 antibody; Interferon gamma inducing factor antibody; Interferon gamma-inducing factor antibody; Interleukin 1 gamma antibody; Interleukin 18 antibody; Interleukin-1 gamma antibody; Interleukin-18 antibody; Interleukin18 antibody; MGC12320 antibody; anti-IL18 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	192
Applicable Applications for anti-IL18 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived mouse IL-18 recombinant protein (Position: N36-S192).
Contents	Each vial contains 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Relevant Detection Systems	Please inquire.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)
Anti-mouse IL-18 antibody, AAA44942, Western blottingLane 1: Recombinant Mouse IL-18 Protein 10ngLane 2: Recombinant Mouse IL18 Protein 5ngLane 3: Recombinant Mouse IL18 Protein 2.5ngLane 4: Recombinant Mouse IL18 Protein 1.25ng

ADDITIONAL INFORMATION

Related Product Information for anti-IL18 antibody	Interleukin-18 also known as IL18 is a protein which in humans is encoded by the IL18 gene. The protein encoded by this gene is a proinflammatory cytokine.IL-18 is a cytokine produced by macrophages and other cells that belongs to the IL-1 superfamily. IL-18 works by binding to the interleukin-18 receptor, and together with IL-12 it induces cell-mediated immunity following infection with microbial products like lipopolysaccharide(LPS). After stimulation with IL-18, natural killer(NK) cells and certain T cells release another important cytokine called interferon-gamma(IFN-gamma) or type II interferon that plays an important role in activating the macrophages or other cells.The combination of this cytokine and IL12 has been shown to inhibit IL4 dependent IgE and IgG1 production, and enhance IgG2a production in B cells. IL-18 binding protein(IL18BP) can specifically interact with this cytokine, and thus negatively regulate its biological activity. The human interleukin 18 gene IL18 maps to 11q22.2-q22.3, closely linked to the DRD2 gene locus and distinct from mapped IDDM loci.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	3219810
NCBI GeneID	16173
UniProt Accession #	P70380
NCBI Official Full Name	Interleukin-18
NCBI Official Synonym Full Names	interleukin 18
NCBI Official Symbol	IL18
NCBI Official Synonym Symbols	Ig1f; IL-18
NCBI Protein Information	interleukin-18; IL-1 gamma; interleukin-1 gamma; IFN-gamma-inducing factor; interferon gamma-inducing factor; interferon-gamma-inducing factor
UniProt Protein Name	Interleukin-18
UniProt Gene Name	IL18
UniProt Synonym Gene Names	Ig1f; IL-18; IFN-gamma-inducing factor; IL-1 gamma
UniProt Entry Name	IL18_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.