

Mouse Interleukin 18 Monoclonal Antibody | anti-IL18 antibody

Monoclonal Antibody to Interleukin 18 (IL18)

CATALOG # AAA141362	HOST Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Interleukin 18; Monoclonal Antibody; Monoclonal Antibody to Interleukin 18 (IL18); anti-IL18 antibody

PRODUCT SPECIFICATIONS

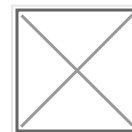
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Clone Number	C14
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid; Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-IL18 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Source	Monoclonal antibody preparation
Immunogen	Recombinant IL18 (Tyr37~Asp193) expressed in E.coli
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 24 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



IHC (Immunohistochemistry)

DAB staining on IHC-P; Sample: Human Cardiac Muscle Tissue; Primary Ab: 40ug/ml Mouse Anti-Human IL18 Antibody; Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IHC (Immunohistochemistry)

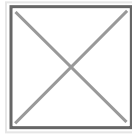
DAB staining on IHC-P; Sample: Human Kidney Tissue; Primary Ab: 40ug/ml Mouse Anti-Human IL18 Antibody; Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

**WB (Western Blot)**

Western Blot; Sample: THP1 cell lysate Primary Ab: 0.2ug/ml Mouse Anti-Human IL18
Antibody Second Ab: 0.2ug/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

**WB (Western Blot)**

Western Blot; Samples: Lane 1: HepG2 cell lysate; Lane 2: Hela cell lysate; Primary Ab: 0.2ug/ml
Mouse Anti-Human IL18 Antibody Second Ab: 0.2ug/ml HRP-Linked Caprine Anti-Mouse IgG
Polyclonal Antibody

**WB (Western Blot)**

Western Blot; Sample: HepG2 cell lysate Primary Ab: 2ug/ml Mouse Anti-Human IL18
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	342349321
NCBI GeneID	3606
NCBI Accession #	NP_001230140.1
NCBI GenBank Nucleotide #	NM_001243211.1
UniProt Accession #	Q14116; O75599; Q6FGY3; Q6WWJ7
NCBI Official Full Name	interleukin-18 isoform 2
NCBI Official Synonym Full Names	interleukin 18
NCBI Official Symbol	IL18
NCBI Official Synonym Symbols	IGIF; IL-18; IL-1g; IL1F4
NCBI Protein Information	interleukin-18
UniProt Protein Name	Interleukin-18
UniProt Gene Name	IL18
UniProt Synonym Gene Names	IGIF; IL1F4; IL-18; IFN-gamma-inducing factor; IL-1 gamma

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/interleukin-18-antibody-clone-c14-immunohistochemistry-western-blot-elisa/141362>