

Mouse anti-Rat Interleukin 18 (IL18) Monoclonal Antibody | anti-IL18 antibody

Monoclonal Antibody to Interleukin 18 (IL18)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA151451	Mouse	Rat	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

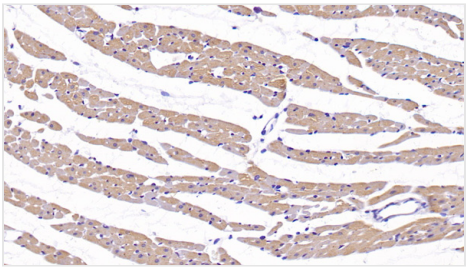
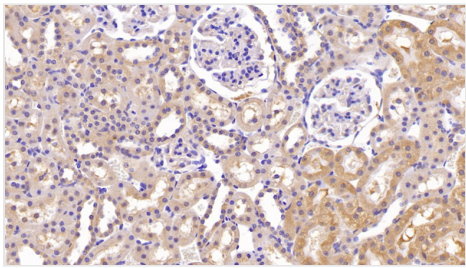
PRODUCT SYNONYMS

Interleukin 18 (IL18); Monoclonal Antibody; Monoclonal Antibody to Interleukin 18 (IL18); IL18/Interleukin 18; IGIF; IL1g; IL1F4; InterferonGammaInducing Factor; Interleukin1 Family Member 4; Ibctadekin; Interleukin1 Gamma; anti-IL18 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Rat
Clonality	Monoclonal
Isotype	IgG2b Kappa
Clone Number	C9
Specificity	The antibody is a mouse monoclonal antibody raised against IL18. It has been selected for its ability to recognize IL18 in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid; 0.01M PBS, pH7.4, containing 0.05% Proclin300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-IL18 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Prokaryotic Recombinant proteins/RP
Sequence of Immunogen	His37~Ser194
Conjugation	Unconjugated
Preparation and Storage	Store at 2 degree C to 8 degree C for frequent use, 20 degree C for 24 months 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 degree 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 IHCP; Sample: Rat Kidney Tissue; Primary Ab: 40ug/ml Mouse AntiRat IL18 Antibody; Second Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)

IHC (Immunohistochemistry)
DAB staining on IHCP; Sample: Rat Cardiac Muscle Tissue; Primary Ab: 40ug/ml Mouse AntiRat IL18 Antibody; Second Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)

ADDITIONAL INFORMATION

Product Categories/Family for anti-IL18 antibody	Cytokine; Infection immunity; Primary
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NCBI AND UNIPROT INFORMATION

NCBI GI #	3219808
NCBI GeneID	29197
UniProt Accession #	P97636; O88749; P97637; Q541E6
Molecular Weight	20,056 Da
NCBI Official Full Name	Interleukin-18
NCBI Official Synonym Full Names	interleukin 18
NCBI Official Symbol	IL18
NCBI Official Synonym Symbols	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_RAT

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-il18-antibody-clone-c9-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/151451>