

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

Monoclonal Antibody to Interleukin 18 (IL18)

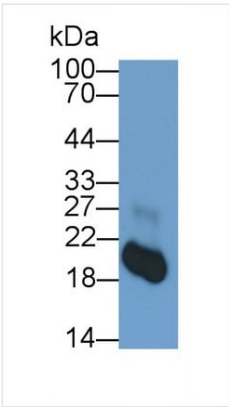
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA152663	Mouse	Rabbit	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Interleukin 18 (IL18); Monoclonal Antibody; Monoclonal Antibody to Interleukin 18 (IL18); Interleukin 18; IGIF; IL-1g; IL1F4; IL1-F4; Interferon-Gamma-Inducing Factor; Interleukin-1 Family Member 4; Ibctadekin; Interleukin-1 Gamma; anti-IL18 antibody

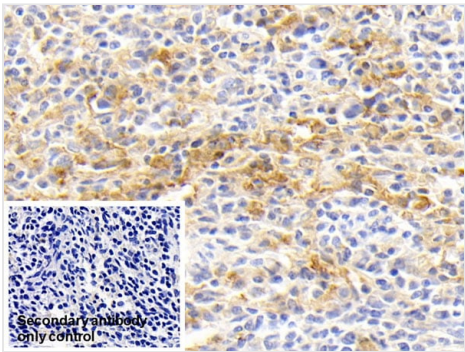
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Rabbit
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	D9
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	Affinity Chromatography
Form/Format	Liquid. 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Sequence Positions	Leu32~Asn192
Applicable Applications for anti-IL18 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Interleukin 18 (IL18)
Preparation and Storage	Store at 4 degree C for frequent use. Store at -20 degree C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. Stable for 12 months if correctly stored. 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.



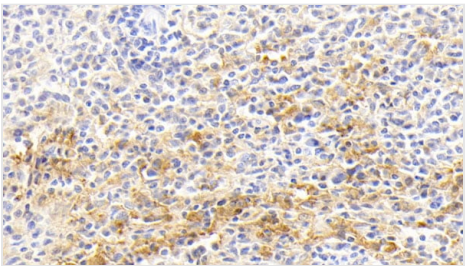
WB (Western Blot)

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



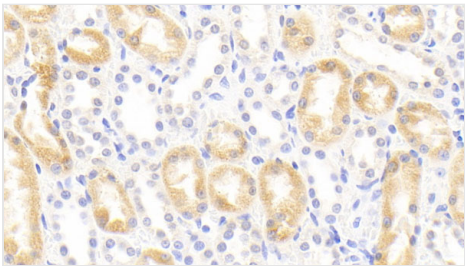
IHC (Immunohistochemisry)

DAB staining on IHC-P;Sample: Rabbit Spleen TissuePrimary Ab: 20ug/ml Mouse Anti-Rabbit IL18 AntibodyControl: Used PBS instead of primary antibodySecond Ab: 2ug/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IHC (Immunohiostchemistry)

DAB staining on IHC-P;Sample: Rabbit Spleen Tissue; Primary Ab: 20ug/ml Mouse Anti-Rabbit IL18 AntibodySecond Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IHC (Immunohistochemistry)

DAB staining on IHC-P; Sample: Rabbit Kidney Tissue; Primary Ab: 20ug/ml Mouse Anti-Rabbit IL18 Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-IL18 antibody	Monoclonal Antibodies (Primary Abs); Monoclonal antibodies; Cytokine
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NCBI AND UNIPROT INFORMATION

NCBI GI #	171545981
NCBI GeneID	100144338
NCBI Accession #	NP_001116412.1
NCBI GenBank Nucleotide #	NM_001122940.1
UniProt Accession #	B1A3U4
Molecular Weight	22,154 Da
NCBI Official Full Name	interleukin-18
NCBI Official Symbol	IL18
NCBI Protein Information	interleukin-18
UniProt Protein Name	Interleukin 18
UniProt Gene Name	IL18

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.

