

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

Monoclonal Antibody to Interleukin 18 (IL18)

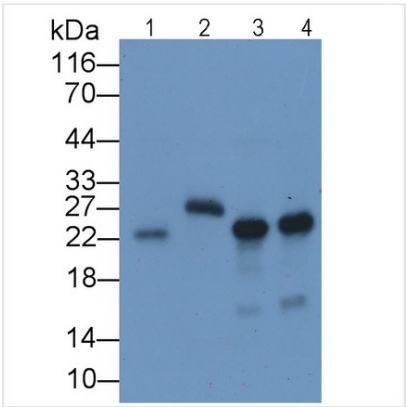
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA21224	Mouse	Human, Rat, Pig	Western Blot, Immunohistochemistry, Immunocytochemistry, Immunoprecipitation

PRODUCT SYNONYMS

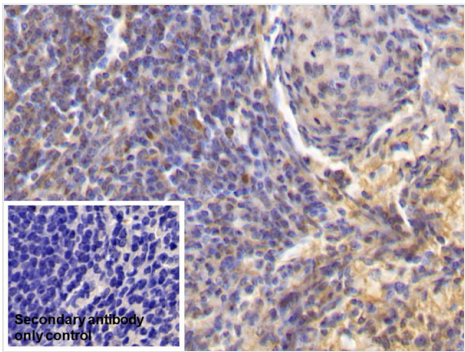
Interleukin 18 (IL18); Monoclonal Antibody; Monoclonal Antibody to Interleukin 18 (IL18); Interleukin 18; IGIF; IL-1g; IL1F4; IL1-F4; Interferon-Gamma-Inducing Factor; Interleukin-1 Family Member 4; Ibctadekin; Interleukin-1 Gamma; anti-IL18 antibody

PRODUCT SPECIFICATIONS

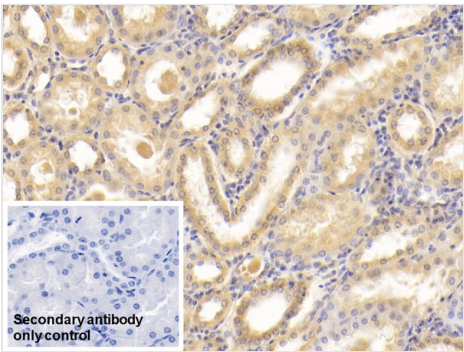
Host	Mouse
Reactivity	Human, Rat, Pig
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	C5
Specificity	The antibody is a mouse monoclonal antibody raised against IL18. It has been selected for its ability to recognize IL18 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid. 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Sequence Positions	Arg94~Asp193
Applicable Applications for anti-IL18 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IP (Immunoprecipitation)
Application Notes	WB: 0.5-2ug/mL IHC: 5-20ug/mL ICC: 5-20ug/mL
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.



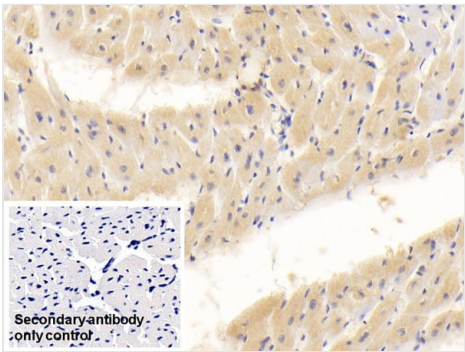
WB (Western Blot)
Western Blot; Sample: Lane1: HepG2 cell lysate; Lane2: Hela cell lysate; Lane3: Porcine Spleen lysate; Lane4: Rat Spleen lysate Primary Ab: 2 ug/ml Mouse Anti-human IL18 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



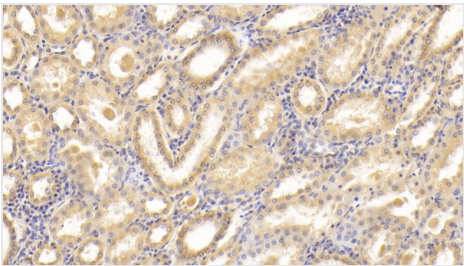
IHC (Immunohistochemistry)
DAB staining on IHC-P;Sample: human Spleen TissuePrimary Ab: 20ug/ml Mouse Anti-human IL18 AntibodyControl: Used PBS instead of primary antibodySecond Ab: 2ug/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



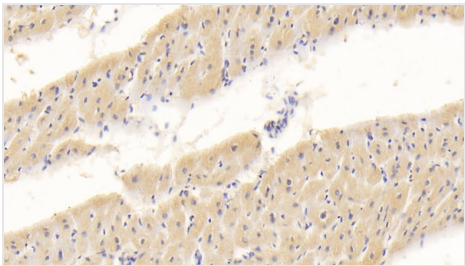
IHC (Immunohistochemistry)
DAB staining on IHC-P;Sample: human Kidney TissuePrimary Ab: 20ug/ml Mouse Anti-human IL18 AntibodyControl: Used PBS instead of primary antibodySecond Ab: 2ug/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



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



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



IHC (Immunohistochemistry)
DAB staining on IHC-P;Sample: human Cardiac Muscle Tissue; Primary Ab: 20ug/ml Mouse Anti-human IL18 AntibodySecond 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
--	--

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
Molecular Weight	22,326 Da
NCBI Official Full Name	interleukin-18 isoform 2 proprotein
NCBI Official Synonym Full Names	interleukin 18 (interferon-gamma-inducing factor)
NCBI Official Symbol	IL18
NCBI Official Synonym Symbols	IGIF; IL-18; IL-1g; IL1F4
NCBI Protein Information	interleukin-18; IL-1 gamma; iboctadecin; interleukin-1 gamma; IFN-gamma-inducing factor
UniProt Protein Name	Interleukin-18
UniProt Gene Name	IL18
UniProt Synonym Gene Names	IGIF; IL1F4; IL-18; IFN-gamma-inducing factor; IL-1 gamma
UniProt Entry Name	IL18_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/interleukin-18-il18-antibody-clone-c5-western-blot-immunohistochemistry-immunocytochemistry-immunoprecipitation-elisa/21224>