

Mouse anti-Rat Interleukin 1 Alpha (IL1a) Monoclonal Antibody | anti-IL1a antibody

Monoclonal Antibody to Interleukin 1 Alpha (IL1a)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA21179	Mouse	Rat	Western Blot, Immunohistochemistry, Immunocytochemistry, Immunoprecipitation

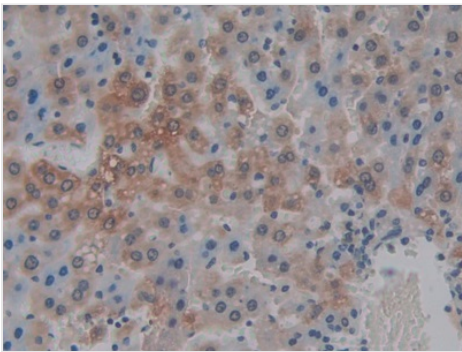
PRODUCT SYNONYMS

Interleukin 1 Alpha (IL1a); Monoclonal Antibody; Monoclonal Antibody to Interleukin 1 Alpha (IL1a); IL1a/Interleukin 1 Alpha; IL1A; IL1alpha; IL1F1; Preinterleukin 1 Alpha; Hematopoietin1; ProInterleukin1Alpha; Interleukin1 Family Member 1; anti-IL1a antibody

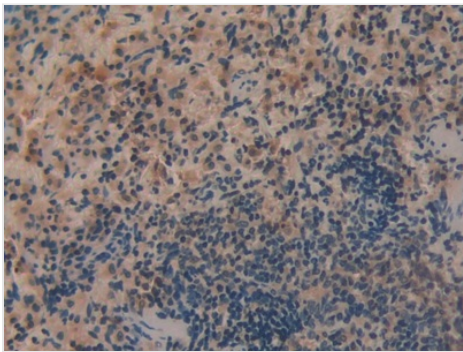
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Rat
Clonality	Monoclonal
Isotype	IgG2b Kappa
Clone Number	C11
Specificity	The antibody is a mouse monoclonal antibody raised against IL1a. It has been selected for its ability to recognize IL1a 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-IL1a antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IP (Immunoprecipitation)
Application Notes	WB: 0.53ug/mL IHC: 530ug/mL ICC: 530ug/mL
Immunogen Type	Prokaryotic Recombinant proteins/RP
Sequence of Immunogen	Ser115~Ser270
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.

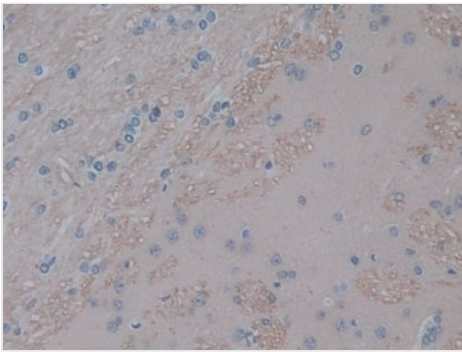
IMAGES



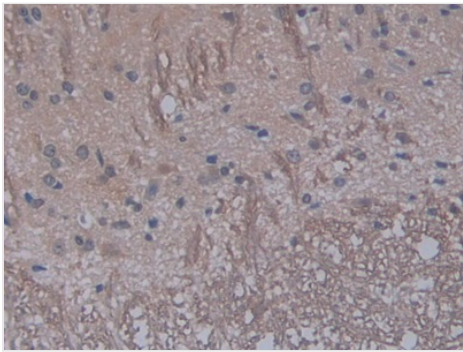
IHC (Immunohistochemistry)
DAB staining on IHCP;Sample: Rat Liver Tissue; Primary Ab: 30ug/ml Mouse AntiRat IL1a AntibodySecond Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody(Catalog: SAA544Mu19



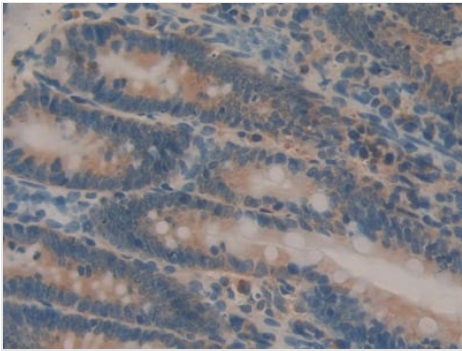
IHC (Immunohistochemistry)
DAB staining on IHCP;Sample: Rat Spleen Tissue; Primary Ab: 30ug/ml Mouse AntiRat IL1a AntibodySecond Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody(Catalog: SAA544Mu19



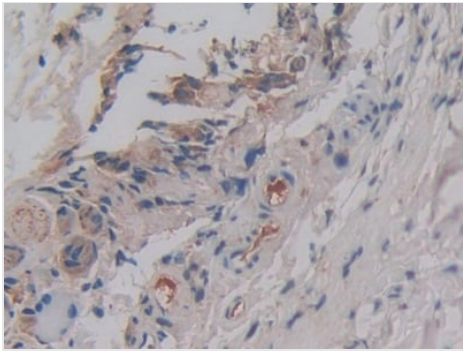
IHC (Immunohistochemistry)
DAB staining on IHCP;Sample: Rat Cerebrum Tissue; Primary Ab: 30ug/ml Mouse AntiRat IL1a AntibodySecond Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody(Catalog: SAA544Mu19



IHC (Immunohistochemistry)
DAB staining on IHCP;Sample: Rat Spinal cord Tissue; Primary Ab: 30ug/ml Mouse AntiRat IL1a AntibodySecond Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody(Catalog: SAA544Mu19



IHC (Immunohistochemistry)
DAB staining on IHCP;Sample: Rat Intestine Tissue; Primary Ab: 30ug/ml Mouse AntiRat IL1a AntibodySecond Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody(Catalog: SAA544Mu19



IHC (Immunohistochemistry)
DAB staining on IHCP; Sample: Rat Skin Tissue; Primary Ab: 30ug/ml Mouse AntiRat IL1a Antibody Second Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19

ADDITIONAL INFORMATION

Product Categories/Family for anti-IL1a antibody	Cytokine; Apoptosis; Primary
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NCBI AND UNIPROT INFORMATION

NCBI GI #	8393593
NCBI GeneID	24493

NCBI Accession #	NP_058715.1
NCBI GenBank Nucleotide #	NM_017019.1
UniProt Accession #	P16598 ; Q546R9
Molecular Weight	30,856 Da
NCBI Official Full Name	interleukin-1 alpha
NCBI Official Synonym Full Names	interleukin 1 alpha
NCBI Official Symbol	IL1a
NCBI Official Synonym Symbols	IL-1 alpha
NCBI Protein Information	interleukin-1 alpha
UniProt Protein Name	Interleukin-1 alpha
UniProt Gene Name	IL1a
UniProt Synonym Gene Names	IL-1 alpha
UniProt Entry Name	IL1A_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.

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

Online datasheet: <https://www.aaabiotech.com/monoclonal/interleukin-1-alpha-il1a-antibody-clone-c11-western-blot-immunohistochemistry-immunocytochemistry-immunoprecipitation-elisa/21179>