

Rabbit Anti-Invadolysin/AP Conjugated antibody

SL18180R-AP

Product Name	Anti-Invadolysin/AP
Chinese Name	碱性磷酸酶 (AP) 标记的 Leishmanolysin 样肽酶抗体
Alias	Gp63; GP63 like; INV; LMLN_HUMAN; IX14; Leishmanolysin Like Peptidase; leishmanolysin-like (metallopeptidase M8 family); LMLN; Msp.
Research Area	Cell biology immunology
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted:Human,Mouse,Rat,Horse,Rabbit) IHC-P=1:100-500,IHC-F=1:100-500,ELISA=1:500-5000
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	74kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human Invadolysin
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Storage	
Product Detail	background: This gene encodes a zinc-metallopeptidase. The encoded protein may play a role in cell migration and invasion. Studies of a similar protein in <i>Drosophila</i> indicate a potential role in mitotic progression. Alternatively spliced transcript variants have been described. [provided by RefSeq, Feb 2009]

Function:

Invadolysin, also known as Leishmanolysin-Like proteinase, is a metalloproteinase of the MA clan, family M8, which is distinguished from the other families of metalloproteinases by an insert in the zinc binding site. The “classical” zinc binding motif of HExxHxxxxH contains an insert of 65 residues in the Leishmania form of Leishmanolysin, and varies from 62-105 residues amongst different parasite leishmanolysin isoforms.

Subcellular Location:

Cytoplasmic

Tissue Specificity:

Expressed in all cell lines analyzed.

Similarity:

Belongs to the peptidase M8 family.

Database links:

[Entrez Gene: 89782](#) Human

[Omim: 609380](#) Human

[SwissProt: Q96KR4](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.