



Rabbit Anti-Invadolysin antibody

SL18180R

Product Name:	Invadolysin
Chinese Name:	Leishmanolysin样肽酶抗体
Alias:	Gp63; GP63 like; INV; LMLN_HUMAN; IX14; Leishmanolysin Like Peptidase; leishmanolysin-like (metallopeptidase M8 family); LMLN; Msp.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Horse,Rabbit,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	74kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Invadolysin:51-150/655
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	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 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	This gene encodes a zinc-metallopeptidase. The encoded protein may play a role in cell migration and invasion. Studies of a similar protein in Drosophila 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.

SWISS:

Q96KR4

Gene ID:

89782

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.