



Rabbit Anti-Hirudin antibody

SL9508R

Product Name:	Hirudin
Chinese Name:	水蛭素抗体
Alias:	Hirudin 1; Lepirudin; Recludan; Hirudin variant-1; Hirudin-1; Hirudin-I.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	HIRME
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	7kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from Hirudin:31-65/65
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:	Hirudin is a highly effective and very specific anticoagulant which specifically inhibits formation of fibrin and activation of factors V, VIII and XIII by forming irreversible, noncovalent 1:1 complexes with a-thrombin. Hirudin is a 65 amino acid polypeptide, 7 kDa protein naturally originating from the medical leech Hirudo medicinalis. It is the most potent thrombin inhibitor known to date. Function:

Hirudin is a potent thrombin-specific protease inhibitor. It forms a stable non-covalent complex with alpha-thrombin, thereby abolishing its ability to cleave fibrinogen.

Subcellular Location:

Secreted

Similarity:

Belongs to the protease inhibitor I14 (hirudin) family.

SWISS:

P01050

Gene ID:

N/A

Important Note:

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

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