SunLong Biotech Co.,LTD
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Rabbit Anti-ADAM17 (9E7)antibody

SLM-52009R

Product Name	ADAM17 (9E7)
Chinese Name	ADAM17Recombinant rabbit monoclonal anti
Alias	A disintegrin and metalloproteinase domain 17; ADAM 17; ADAM metallopeptidase domain 17 protein; CD 156b; CD156b; CD156b antigen; CSVP; MGC71942; Snake venom like protease; T alpha convertase; TNF alpha converting enzyme; Tumor Necrosis Factor Alpha Converting Enz disintegrin and metalloproteinase domain 17 (tumor necrosis factor, alpha, converting enzyme); ADA17_HUMAN.
Research Area	Tumour immunology Neurobiology Signal transduction transcriptional regulatory factor
Immunogen Species	Rabbit
Clonality	Monoclonal
Clone NO.	9E7
React Species	Human, Mouse, (predicted: Rat,)
Applications	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:50-200,IF=1:100-500,Flow-Cy （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	93kDa
Cellular localization	The cell membrane
Form	Liquid
Concentration	1mg/ml
immunogen	Recombinant human ADAM17 protein: 700-824/824 <Cytoplasmic>
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4℃. Store at -20 ℃ for one year. Avoid repeated freeze/thaw cycles.

Attention

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

PubMed

PubMed

This gene encodes a member of the ADAM (a disintegrin and metalloprotease domain) family. M this family are membrane-anchored proteins structurally related to snake venom disintegrins, and implicated in a variety of biologic processes involving cell-cell and cell-matrix interactions, incl fertilization, muscle development, and neurogenesis. The protein encoded by this gene functions necrosis factor-alpha converting enzyme; binds mitotic arrest deficient 2 protein; and also plays a role in the activation of the Notch signaling pathway. [provided by RefSeq].

Subunit:
Interacts with MAD2L1, MAPK14 and MUC1.

Subcellular Location:
Membrane.

Tissue Specificity:
Ubiquitously expressed. Expressed at highest levels in adult heart, placenta, skeletal muscle, pan spleen, thymus, prostate, testes, ovary and small intestine, and in fetal brain, lung, liver and kidn

Similarity:
Contains 1 disintegrin domain.

Product Detail

Contains 1 peptidase M12B domain.

SWISS:
P78536

Gene ID:
6868

Database links:

Entrez Gene: 6868 Human

Entrez Gene: 11491 Mouse

Entrez Gene: 57027 Rat

Omim: 603639 Human

SwissProt: P78536 Human

SwissProt: Q9Z0F8 Mouse

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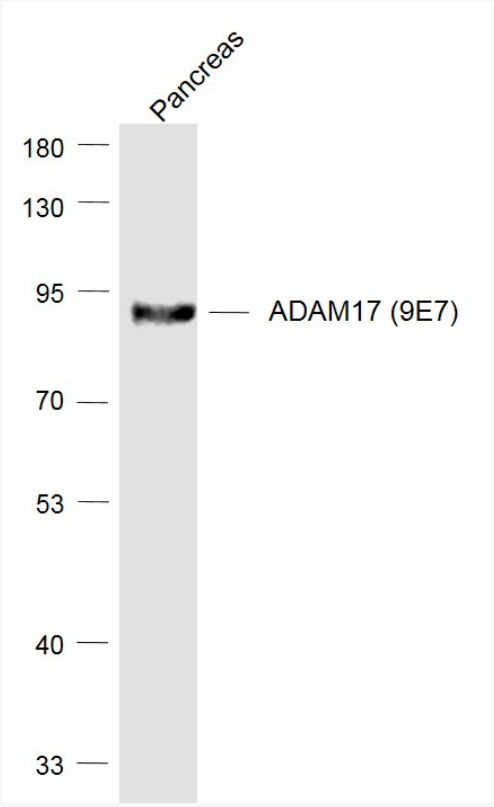
SwissProt: Q9Z1K9 Rat

Unigene: 404914 Human

Unigene: 27681 Mouse

Unigene: 144585 Rat

Product Picture



Sample:

Pancreas (Mouse) Lysate at 40 ug

Primary: Anti-ADAM17 (9E7) (SLM-52009R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 93 kD

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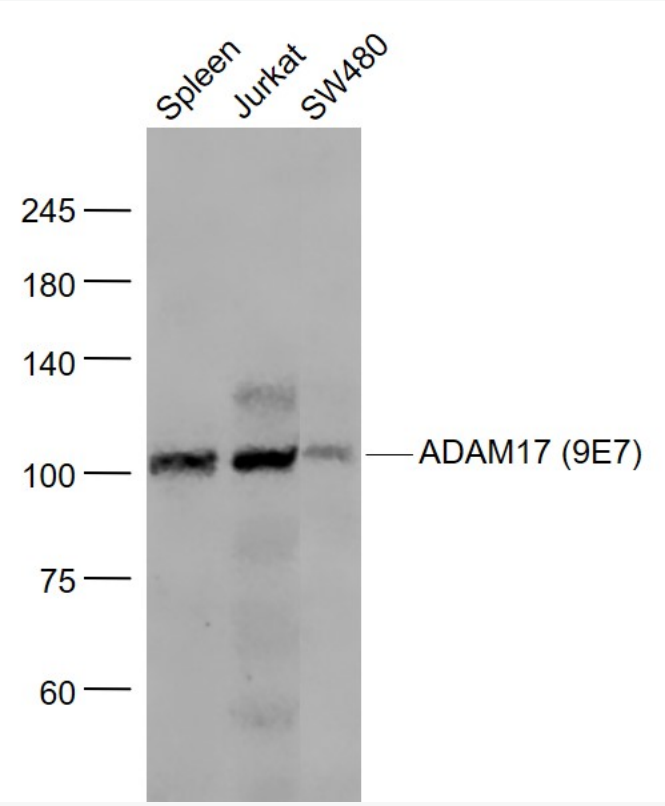
Observed band size: 93 kD



Sample:

Spleen (Mouse) Lysate at 40 ug

Jurkat(Human) Cell Lysate at 30 ug

SW480(Human) Cell Lysate at 30 ug

Primary: Anti- ADAM17 (9E7) (SLM-52009R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 93 kD

Observed band size: 100 kD

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