SunLong Biotech Co.,LTD
Tel: 0086-571- 56623320 Fax:0086-571- 56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Rabbit Anti-ADAM8 antibody

SL4195R

Product Name:	ADAM8
Chinese Name:	去整合素样金属蛋白酶8抗体
Alias:	A Disintegrin And Metalloproteinase domain 8; A Disintegrin And Metalloproteinase domain 8; ADAM 8; ADAM 8 precursor; ADAM 8 precursor; ADAM metallopeptidase domain 8; ADAM8 protein; CD 156; CD156; CD156a; CD156a antigen; CD156a antigen; Cell surface antigen MS2; Cell surface antigen MS2; Human leukocyte differentiation antigen; ADAM8_HUMAN; Human leukocyte differentiation antigen; Macrophage cysteine rich glycoprotein; Macrophage cysteine rich glycoprotein; MGC134985; MS 2; MS2.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Cow,
Applications:	ELISA=1:500-1000Flow-Cyt=1μg/Test not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	87kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ADAM8 52-91aa:51-150/824<Extracellular>
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:	Members of ADAM family are cell surface proteins with a unique structure possessing

both potential adhesion and protease domains. The extracellular region of ADAM8 shows significant amino acid sequence homology to hemorrhagic snake venom proteins, including the metalloprotease and disintegrin domains. The expression of ADAM8 is upregulated by retinoic acid and vitamin D3.

Function:
Possible involvement in extravasation of leukocytes.

Subunit:
Interacts with FST3.

Subcellular Location:
Membrane; Single-pass type I membrane protein.

Tissue Specificity:
Expressed on neutrophils and monocytes.

Similarity:
Contains 1 disintegrin domain.
Contains 1 EGF-like domain.
Contains 1 peptidase M12B domain.

SWISS:
P78325

Gene ID:
101

Database links:

Entrez Gene: 101Human

Entrez Gene: 11501Mouse

Entrez Gene: 499285Rat

Omim: 602267Human

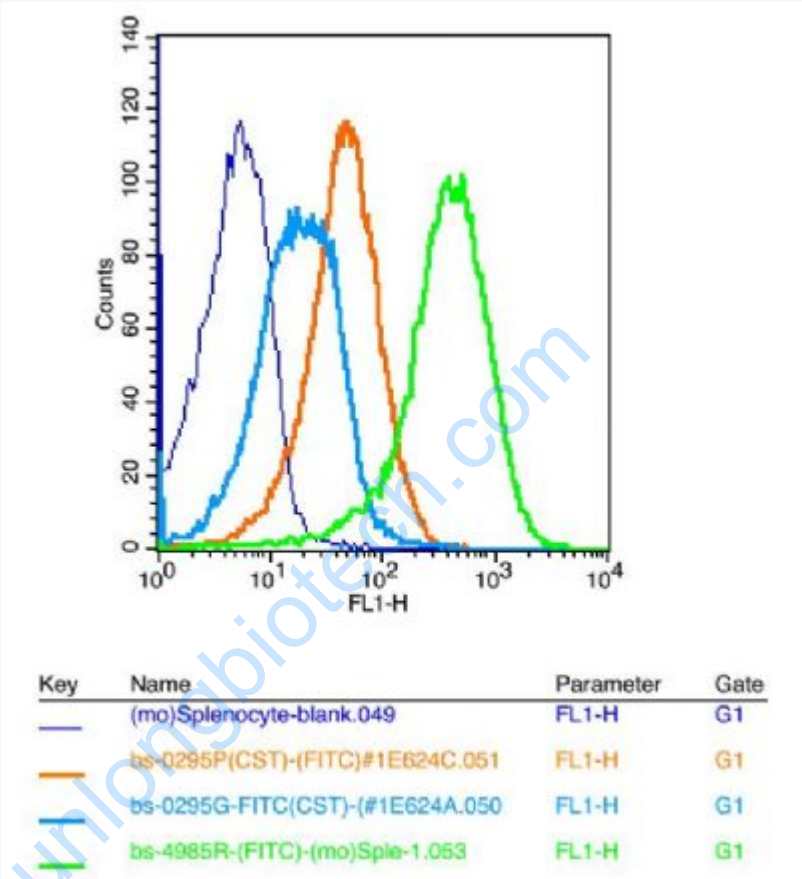
SwissProt: P78325Human

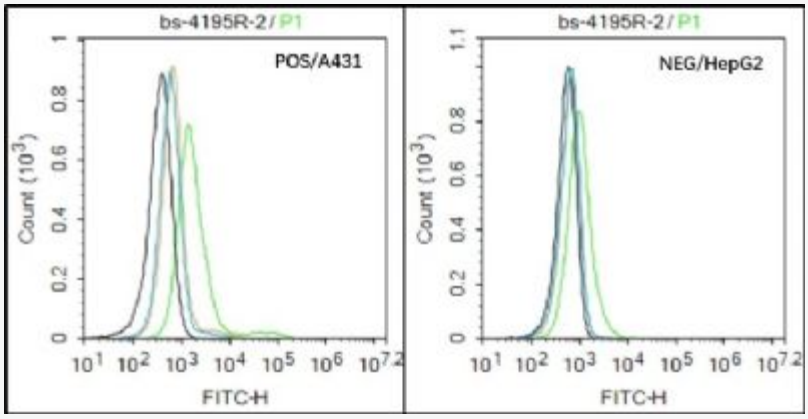
SwissProt: Q05910Mouse

Unigene: 501574Human

Unigene: 15969Mouse

Important Note:
This product as supplied is intended for research use only, not for use in human,

	therapeutic or diagnostic applications. Extracellular matrix蛋白
Picture:	 Blank control: Mouse splenocytes(blue) Isotype Control Antibody: Rabbit IgG(orange) ; Secondary Antibody: Goat anti-rabbit IgG-FITC(white blue), Dilution: 1:100 in 1 X PBS containing 0.5% BSA ; Primary Antibody Dilution: 1µl in 100 µL1X PBS containing 0.5% BSA(green).



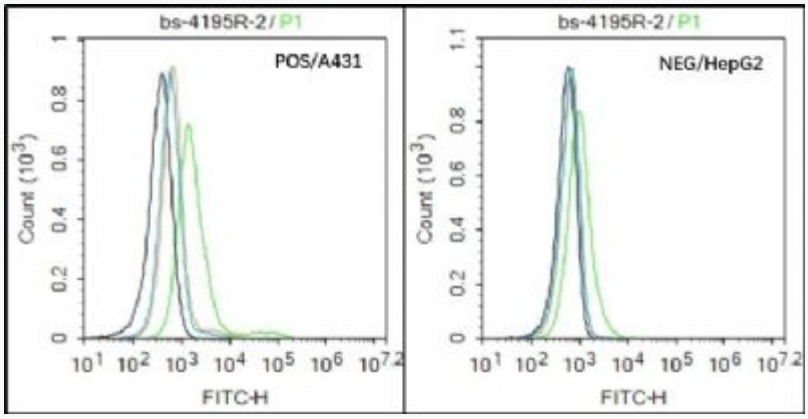
Black line : Positive blank control A431); Negative blank control (HepG2）

Green line : Primary Antibody (Rabbit Anti-ADAM8 antibody (SL4195R))

Orange line：Isotype Control Antibody (Rabbit IgG) .

Blue line : Secondary Antibody (Goat anti-rabbit IgG-AF488)

A431（Positive）and HepG2（Negative control）cells (black) were incubated in 5% BSA blocking buffer for 30 min at room temperature. Cells were then stained with ADAM8 Antibody(SL4195R)at 1:50 dilution in blocking buffer and incubated for 30 min at room temperature, washed twice with 2% BSA in PBS, followed by secondary antibody(blue) incubation for 40 min at room temperature. Acquisitions of 20,000 events were performed. Cells stained with primary antibody (green), and isotype control (orange).



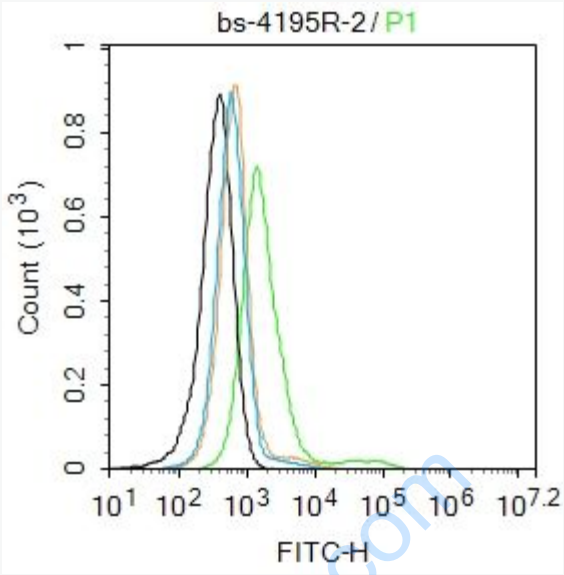
Black line : Positive blank control A431); Negative blank control (HepG2）

Green line : Primary Antibody (Rabbit Anti-ADAM8 antibody (SL4195R))

Orange line：Isotype Control Antibody (Rabbit IgG) .

Blue line : Secondary Antibody (Goat anti-rabbit IgG-AF488)

A431（Positive）and HepG2（Negative control）cells (black) were incubated in 5% BSA blocking buffer for 30 min at room temperature. Cells were then stained with ADAM8 Antibody(SL4195R)at 1:50 dilution in blocking buffer and incubated for 30 min at room temperature, washed twice with 2% BSA in PBS, followed by secondary antibody(blue) incubation for 40 min at room temperature. Acquisitions of 20,000 events were performed. Cells stained with primary antibody (green), and isotype control (orange).



Blank control: A431.

Primary Antibody (green line): Rabbit Anti-ADAM8 antibody (SL4195R)

Dilution: 2μg /10^6 cells;

Isotype Control Antibody (orange line): Rabbit IgG .

Secondary Antibody : Goat anti-rabbit IgG-AF488

Dilution: 1μg /test.

Protocol

The cells were incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.