



Rabbit Anti-CD93 antibody

SL10232R

Product Name:	CD93
Chinese Name:	CD93抗体
Alias:	C1qrp; Complement component C1q receptor; C1q/MBL/SPA receptor; C1qR(p); C1qr1; C1qRp; CD93 antigen; CD93 molecule; CDw93; Complement component 1 q subcomponent receptor 1; Complement component C1q receptor; dJ737E23.1; ECSM3; Ly68; Matrix remodeling associated protein 4; MXRA4.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,
Applications:	WB=1:500-2000ELISA=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:	70kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CD93:56-160/652<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:	The protein encoded by this gene is a cell-surface glycoprotein and type I membrane protein that was originally identified as a myeloid cell-specific marker. The encoded protein was once thought to be a receptor for C1q, but now is thought to instead be

involved in intercellular adhesion and in the clearance of apoptotic cells. The intracellular cytoplasmic tail of this protein has been found to interact with moesin, a protein known to play a role in linking transmembrane proteins to the cytoskeleton and in the remodelling of the cytoskeleton. [provided by RefSeq, Jul 2008].

Function:

Receptor (or element of a larger receptor complex) for C1q, mannose-binding lectin (MBL2) and pulmonary surfactant protein A (SPA). May mediate the enhancement of phagocytosis in monocytes and macrophages upon interaction with soluble defense collagens. May play a role in intercellular adhesion.

Subunit:

Interacts with HCV core protein. Interacts with C1QBP; the association may represent a cell surface C1q receptor.

Subcellular Location:

Membrane; Single-pass type I membrane protein.

Tissue Specificity:

Highly expressed in endothelial cells, platelets, cells of myeloid origin, such as monocytes and neutrophils. Not expressed in cells of lymphoid origin.

Post-translational modifications:

N- and O-glycosylated.

Similarity:

Contains 1 C-type lectin domain.
Contains 5 EGF-like domains.

SWISS:

Q9NPY3

Gene ID:

22918

Database links:

[Entrez Gene: 22918](#) Human

[Entrez Gene: 17064](#) Mouse

[Entrez Gene: 84398](#) Rat

[Omim: 120577](#) Human

[SwissProt: Q9NPY3](#) Human

[SwissProt: O89103](#) Mouse

[SwissProt: Q9ET61](#) Rat

[Unigene: 97199](#) Human

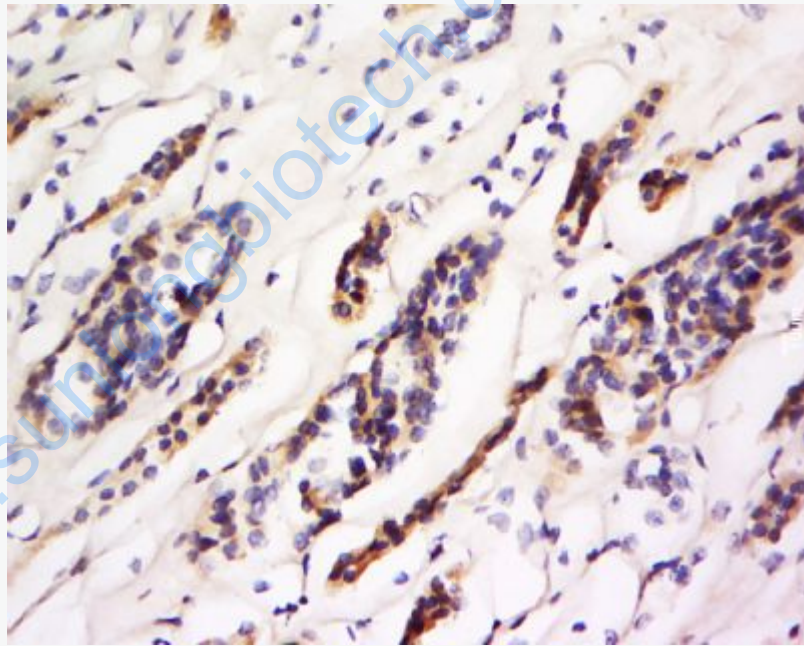
[Unigene: 681](#) Mouse

[Unigene: 162695](#) Rat

Important Note:

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

Picture:

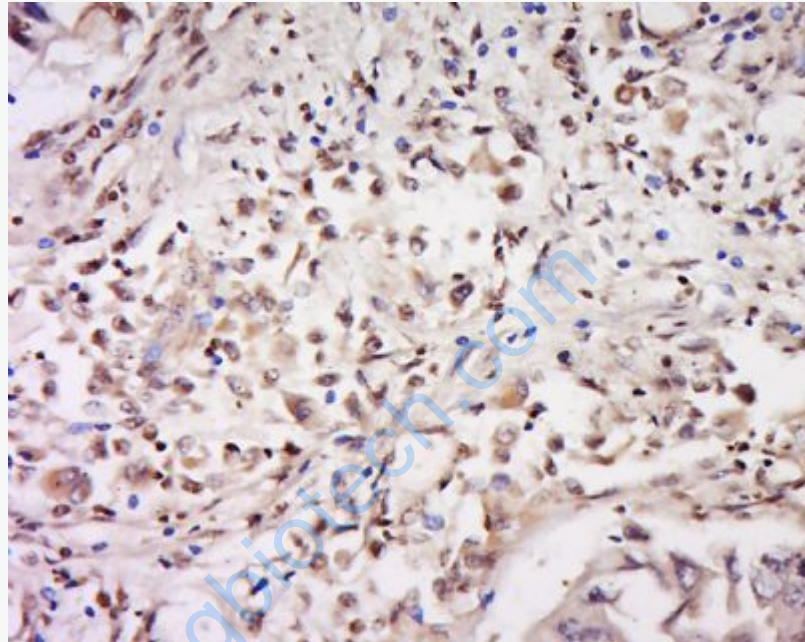


Tissue/cell: human kidney tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-CD93 Polyclonal Antibody, Unconjugated(SL10232R) 1:200,

overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: human lung carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-CD93 Polyclonal Antibody, Unconjugated(SL10232R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining