



## Rabbit Anti-CD75 antibody

SL3793R

<b>Product Name:</b>	CD75
<b>Chinese Name:</b>	唾液酸转移酶1/α-2,6唾液酸转移酶抗体
<b>Alias:</b>	6 sialyltransferase; 6-sialyltransferase 1; 6-ST 1; Alpha 2; Alpha 2,6 ST 1; Alpha 2,6 ST; B cell antigen CD75; B-cell antigen CD75; Beta galactoside alpha 2,6 sialyltransferase 1; Beta-galactoside alpha-2; CMP N acetylneuraminate beta galactosamide alpha 2,6 sialyltransferase 1; CMP-N-acetylneuraminate-beta-galactosamide-alpha-2; MGC48859; Sialyltransferase 1 (beta galactoside alpha 2,6 sialyltransferase); Sialyltransferase 1; SIAT1; SIAT1_HUMAN; ST6 beta galactosamide alpha 2,6 sialyltransferase 1; ST6Gal I; ST6GAL1; ST6Gall; ST6N.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Pig,Cow,Horse,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	47kDa
<b>Cellular localization:</b>	cytoplasmicThe cell membraneSecretory protein
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human CD75 (321-370aa):301-406/406
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	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.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	The protein encoded by this gene is a type II membrane protein that catalyzes the

transfer of sialic acid from CMP sialic acid to galactose-containing substrates. The encoded protein, which is normally found in the Golgi apparatus but which can be proteolytically processed to a soluble form, is involved in the generation of the cell surface carbohydrate determinants and differentiation antigens HB6, CDw75, and CD76. This protein is a member of glycosyltransferase family 29. Three transcript variants encoding two different isoforms have been found for this gene.

**Function:**

Transfers sialic acid from the donor of substrate CMP-sialic acid to galactose containing acceptor substrates.

**Subcellular Location:**

Golgi apparatus, Golgi stack membrane; Single-pass type II membrane protein. Secreted. Note=Membrane-bound form in trans cisternae of Golgi. Secreted into the body fluid.

**Post-translational modifications:**

The soluble form derives from the membrane form by proteolytic processing. The HB-6, CDW75, and CD76 differentiation antigens are cell-surface carbohydrate determinants generated by this enzyme.

**Similarity:**

Belongs to the glycosyltransferase 29 family.

**SWISS:**

P15907

**Gene ID:**

6480

**Database links:**

[Entrez Gene: 6480](#)Human

[Entrez Gene: 20440](#)Mouse

[Entrez Gene: 25197](#)Rat

[Omim: 109675](#)Human

[SwissProt: P15907](#)Human

[SwissProt: Q64685](#)Mouse

[SwissProt: P13721](#)Rat

[Unigene: 207459](#)Human

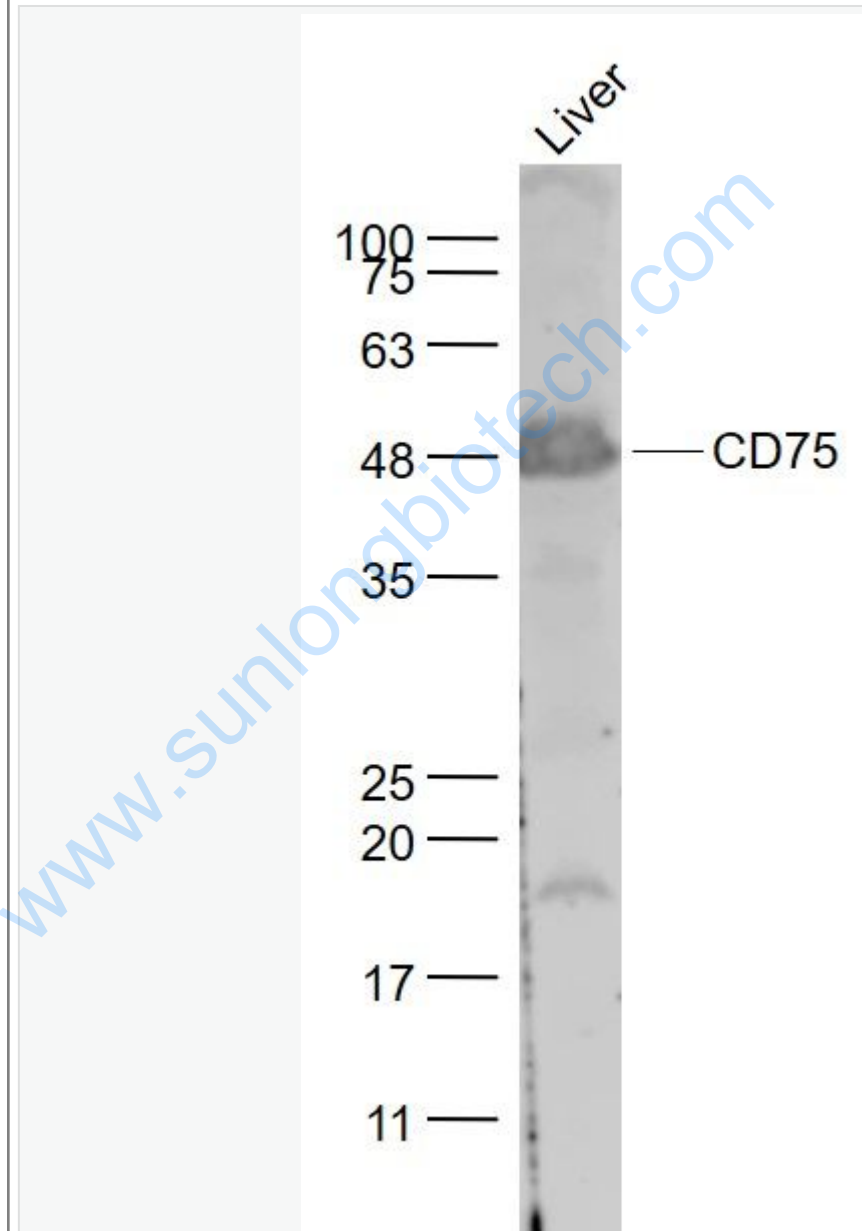
[Unigene: 149029](#)Mouse

[Unigene: 54567Rat](#)

**Important Note:**

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

**Picture:**



Sample:

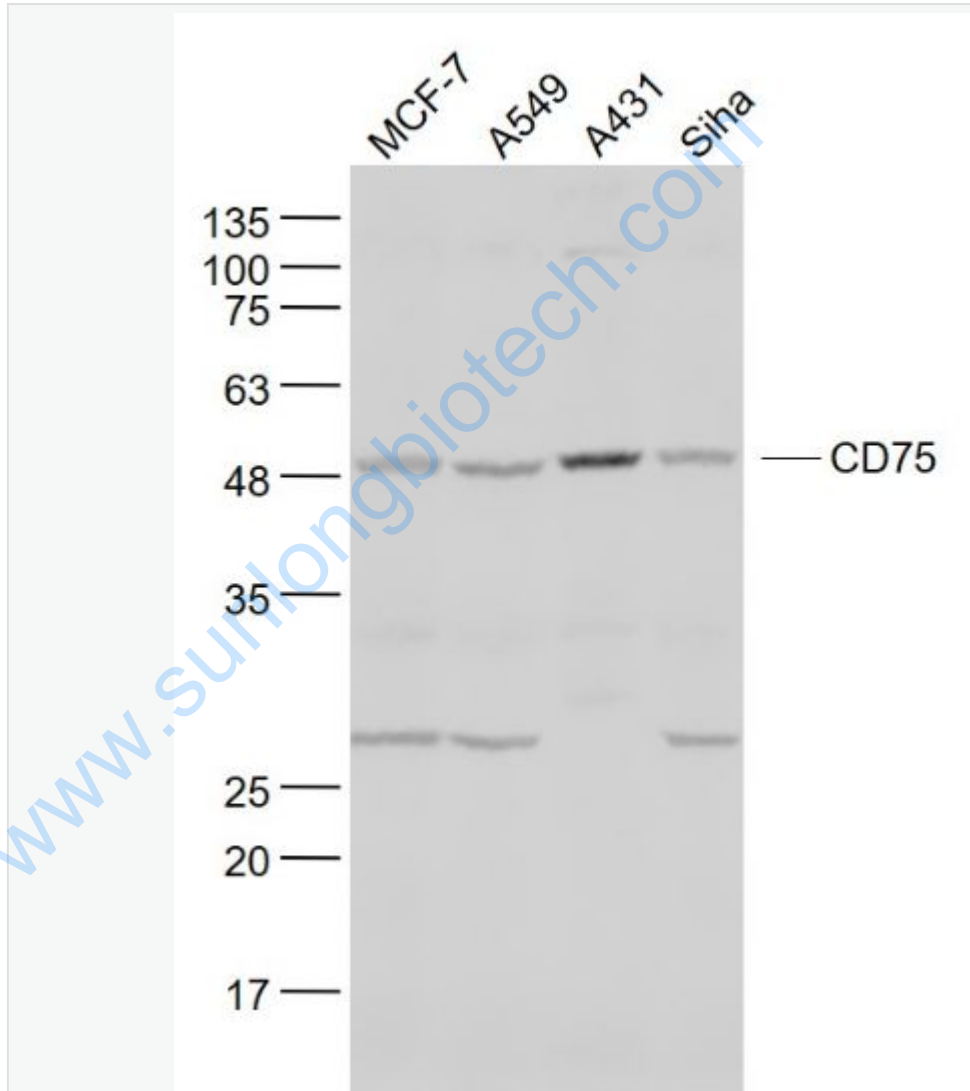
Liver (Mouse) Lysate at 40 ug

Primary: Anti- CD75 (SL3793R) at 1/1000 dilution

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

Predicted band size: 47 kD

Observed band size: 48 kD



Sample:

MCF-7(Human) Cell Lysate at 30 ug

A549(Human) Cell Lysate at 30 ug

A431(Human) Cell Lysate at 30 ug

Siha(Human) Cell Lysate at 30 ug

Primary: Anti- CD75 (SL3793R) at 1/1000 dilution

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

Predicted band size: 47 kD

Observed band size: 48 kD

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