

Rabbit Anti-DCBLD2/Cy5 Conjugated antibody

SL5834R-Cy5

Product Name	Anti-DCBLD2/Cy5
Chinese Name	Cy5 标记的 endothelial cells 和平滑肌细胞衍生的神经纤毛蛋白抗体 CLCP1; coagulation factor V/VIII-homology domains protein 1; CUB, LCCL and coagulation factor V/VIII-homology domains protein 1; discoidin CUB and LCCL domain containing 2; Discoidin, CUB and LCCL domain-containing protein 2; endothelial and smooth muscle cell-derived neuropilin-like protein; ESDN; DCBD2_HUMAN.
Alias	
Research Area	Tumour Cell biology immunology Cell adhesion molecule
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted:Human,Mouse,Rat,Dog,Horse) IF=1:100-500
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	78kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human DCBLD2
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. 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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Storage	
Product Detail	background: DCBLD2, otherwise known as ESDN (endothelial and smooth muscle cell-derived neuropilin-like molecule) is a novel type-I transmembrane protein

with the longest cleavable secretory signal sequence among eukaryotes. It is expressed in various tissues; particularly highly expressed in cultured vascular smooth muscle cells. DCBLD2 is considered to play a role in regulation of vascular cell growth and may have a wide variety of functions in other tissues including the nervous system, like neuropilins.

Subcellular Location:

Membrane; Single-pass type I membrane protein.

Tissue Specificity:

Highly expressed in testis, heart, skeletal muscle and also in cultured vascular smooth muscle cells.

Similarity:

Contains 1 CUB domain.

Contains 1 F5/8 type C domain.

Contains 1 LCCL domain.

Database links:

[Entrez Gene: 131566](#) Human

[Entrez Gene: 73379](#) Mouse

[Entrez Gene: 155696](#) Rat

[Omim: 608698](#) Human

[SwissProt: Q96PD2](#) Human

[SwissProt: Q91ZV3](#) Mouse

[SwissProt: Q91ZV2](#) Rat

[Unigene: 203691](#) Human

[Unigene: 373589](#) Mouse

[Unigene: 157411](#) Rat

Important Note:

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