



Rabbit Anti-CD172b antibody

SL17500R

Product Name:	CD172b
Chinese Name:	信号调节蛋白β1/SIRP-β1抗体
Alias:	CD172 antigen like family member B; CD172b; CD172b antigen; DKFZp686A05192; Signal regulatory protein beta 1; SIRP BETA 1; SIRP beta 1 isoform 3.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
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:	43kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CD172b:51-150/398<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 the SIRPβ1 gene is a member of the signal-regulatory-protein (SIRP) family, and also belongs to the immunoglobulin superfamily. SIRP family members are receptor-type transmembrane glycoproteins which are known to be involved in the negative regulation of receptor tyrosine kinase-coupled signaling processes. SIRPβ1 was found to interact with TYROBP/DAP12, a protein bearing

immunoreceptor tyrosine-based activation motifs. This protein was also reported to participate in the recruitment of tyrosine kinase SYK. Multiple transcript variants encoding different isoforms have been found for this gene.

Subcellular Location:

Cell Membrane; single-pass type I membrane protein

SWISS:

O00241

Gene ID:

10326

Database links:

[Entrez Gene: 10326](#) Human

[Omim: 603889](#) Human

[SwissProt: O00241](#) Human

[SwissProt: Q5TFQ8](#) Human

[Unigene: 664861](#) Human

Important Note:

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