

For Research Use Only

CD43 Recombinant monoclonal antibody

Catalog Number: 86985-1-RR



Basic Information

Catalog Number: 86985-1-RR	GenBank Accession Number: P13838	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 24796	CloneNo.: 251932G11
Isotype: IgG	UNIPROT ID: P13838	Recommended Dilutions: WB: 1:2000-1:10000
Immunogen Catalog Number: EG5149	Full Name: sialophorin	
	Calculated MW: 38 kDa	
	Observed MW: 90-110 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : rat thymus tissue,
Species Specificity: rat	

Background Information

CD43, also known as leukosialin, sialophorin, leukocyte sialoglycoprotein, SPN and W3/13 antigen, is a mucin-like type I transmembrane protein. Rat CD43 is a sialoglycoprotein with an apparent molecular weight of ~100 kDa and is found on thymocytes, T lymphocytes, neutrophils, plasma cells and myelomas but not on B lymphocytes or most other tissues (PMID: 2965006). CD43 is involved in the contact between cells participating in a series of events such as signaling, adherence, and host-parasite interactions (PMID: 10580634; 31197200).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

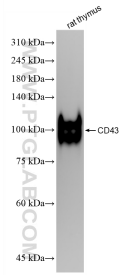
T: 4006900926

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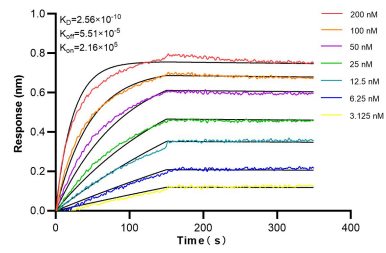
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Selected Validation Data



rat thymus tissue was subjected to SDS PAGE followed by western blot with 86985-1-RR (CD43 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 86985-1-RR against Rat CD43 were performed. The affinity constant is 0.256 nM.