

For Research Use Only

# CD43 Recombinant monoclonal antibody

Catalog Number: 86985-1-RR



## Basic Information

<b>Catalog Number:</b> 86985-1-RR	<b>GenBank Accession Number:</b> P13838	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 24796	<b>CloneNo.:</b> 251932G11
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P13838	<b>Recommended Dilutions:</b> WB: 1:2000-1:10000
<b>Isotype:</b> IgG	<b>Full Name:</b> sialophorin	
<b>Immunogen Catalog Number:</b> EG5149	<b>Calculated MW:</b> 38 kDa	
	<b>Observed MW:</b> 90-110 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : rat thymus tissue,
<b>Species Specificity:</b> 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

\*\*\* 20ul sizes contain 0.1% BSA

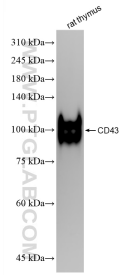
For technical support and original validation data for this product please contact:

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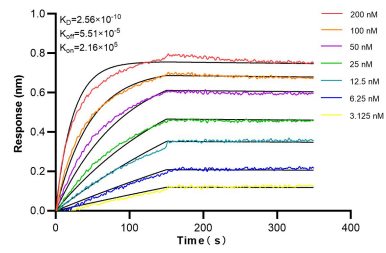
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## Selected Validation Data



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.