

For Research Use Only

Rat CD43 Recombinant monoclonal antibody, PBS Only

Catalog Number: 86985-1-PBS



Basic Information

Catalog Number:

86985-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG5149

GenBank Accession Number:

P13838

GeneID (NCBI):

24796

UNIPROT ID:

P13838

Full Name:

sialophorin

Calculated MW:

38 kDa

Observed MW:

90-110 kDa

Purification Method:

Protein A purification

CloneNo.:

251932G11

Applications

Tested Applications:

WB, Indirect ELISA

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 -80°C.

Storage Buffer:

PBS only, pH7.3

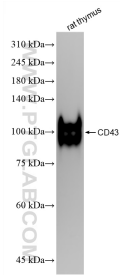
For technical support and original validation data for this product please contact:

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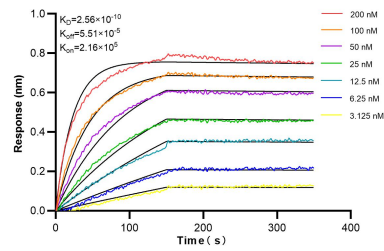
E: proteintech@ptglab.com
W: ptglab.com

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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. This data was developed using the same antibody clone with 86985-1-PBS in a different storage buffer formulation.



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