

Datasheet for ABIN7437875
anti-CD55 antibody (AA 254-372)

3 Images

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Overview

Quantity:	100 µL
Target:	CD55
Binding Specificity:	AA 254-372
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD55 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Cluster Of Differentiation 55 (CD55)
Immunogen:	Recombinant Cluster Of Differentiation 55 (CD55) corresponding to Pro254~Glu372 (Accession # Q9QYJ9)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CD55. It has been selected for its ability to recognize CD55 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

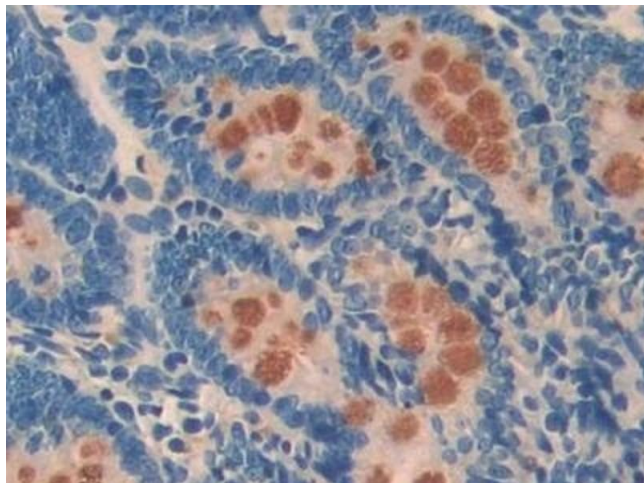
Target:	CD55
Alternative Name:	CD55 (CD55 Products)
Background:	DAF, CR, TC, Complement decay-accelerating factor, Decay Accelerating Factor
Pathways:	Complement System , Regulation of Leukocyte Mediated Immunity

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

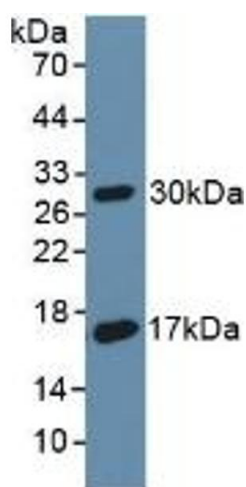
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Immunohistochemistry

Image 1. Detection of CD55 in Rat Small intestine Tissue using Polyclonal Antibody to Cluster Of Differentiation 55 (CD55)



Western Blotting

Image 2. Detection of Recombinant CD55, Rat using Polyclonal Antibody to Cluster Of Differentiation 55 (CD55)



Immunohistochemistry

Image 3. Detection of CD55 in Rat Pancreas Tissue using Polyclonal Antibody to Cluster Of Differentiation 55 (CD55)