

Datasheet for ABIN7434248
anti-CD19 antibody (AA 19-287)



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Overview

Quantity:	100 µL
Target:	CD19
Binding Specificity:	AA 19-287
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD19 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Cluster Of Differentiation 19 (CD19)
Immunogen:	Recombinant Cluster Of Differentiation 19 (CD19) corresponding to Arg19~Gly287 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CD19. It has been selected for its ability to recognize CD19 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

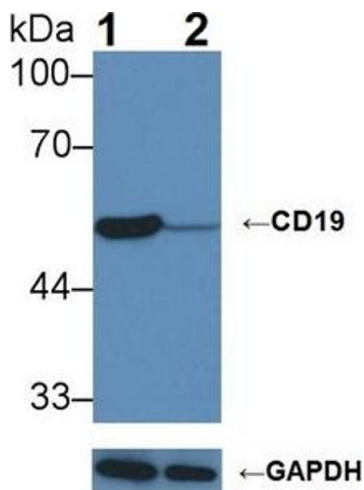
Target:	CD19
Alternative Name:	CD19
Background:	B4, B-lymphocyte surface antigen B4, T-cell surface antigen Leu-12
UniProt:	P25918
Pathways:	Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway

Application Details

Application Notes:	Western blotting: 0.01-2 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

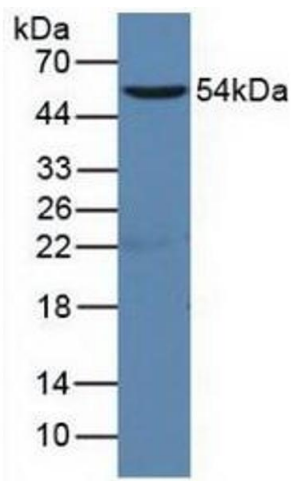
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: 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



Western Blotting

Image 1. Knockout Varification: Lane 1: Wild-type Raji cell lysate, Lane 2: CD19 knockout Raji cell lysate, Predicted MW: 60 kDa Observed MW: 54 kDa Primary Ab: 1 µg/mL Rabbit Anti-Mouse CD19 Antibody Second Ab: 0.2 µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (ABIN6950948)



Western Blotting

Image 2. Detection of CD19 in Human Raji Cells using Polyclonal Antibody to Cluster Of Differentiation 19 (CD19)



Western Blotting

Image 3. Detection of CD19 in Mouse Spleen lysate using Polyclonal Antibody to Cluster Of Differentiation 19 (CD19)