

Datasheet for ABIN7127396

Recombinant anti-CD19 antibody



[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	CD19
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This CD19 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunoprecipitation (IP)

Product Details

Immunogen:	A synthesized peptide derived from human CD19
Clone:	4C7
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Affinity-chromatography

Target Details

Target:	CD19
Alternative Name:	CD19 (CD19 Products)
Background:	Background: Assembles with the antigen receptor of B-lymphocytes in order to decrease the

Target Details

threshold for antigen receptor-dependent stimulation.

Aliases: B-lymphocyte antigen CD19 (B-lymphocyte surface antigen B4) (Differentiation antigen CD19) (T-cell surface antigen Leu-12) (CD antigen CD19), CD19

UniProt: [P15391](#)

Pathways: [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:50-1:200, IP:1:200-1:1000,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

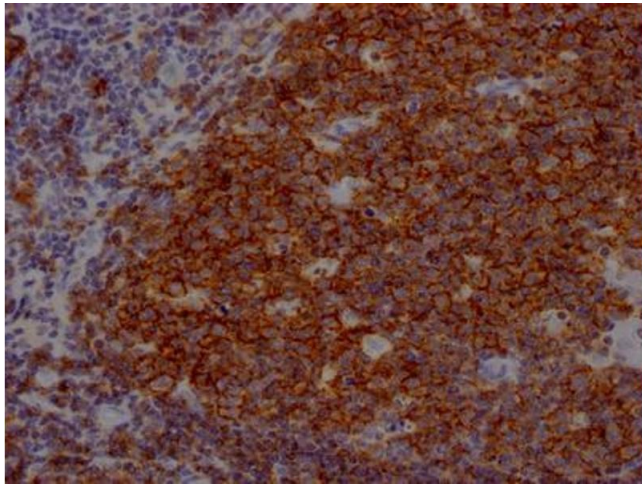
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

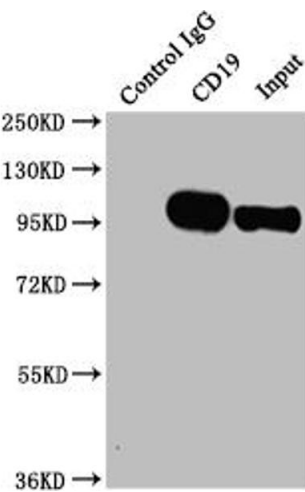
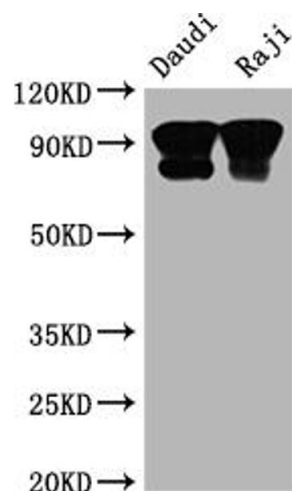
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Immunohistochemistry

Image 1. IHC image of ABIN7127396 diluted at 1:100 and staining in paraffin-embedded human tonsil tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP



and visualized using 0.05 % DAB.

Western Blotting

Image 2. Western Blot Positive WB detected in: Daudi whole cell lysate, Raji whole cell lysate All lanes: CD19 antibody at 1:2000 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 62 kDa Observed band size: 95 kDa

Western Blotting

Image 3. Immunoprecipitating CD19 in Raji whole cell lysate Lane 1: Rabbit control IgG instead of ABIN7127396 in Raji whole cell lysate. For western blotting,a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000) Lane 2: ABIN7127396(2 µg)+ Raji whole cell lysate(500 µg) Lane 3: Raji whole cell lysate (10 µg)