

Datasheet for ABIN969471

anti-CD19 antibody[Go to Product page](#)**2** Images**1** Publication

Overview

Quantity:	100 µL
Target:	CD19
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD19 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

Product Details

Purpose:	CD19 Antibody
Immunogen:	Purified recombinant fragment of human CD19 expressed in E. Coli.
Clone:	2E2B6B10
Isotype:	IgG2b
Purification:	Ascitic fluid

Target Details

Target:	CD19
Alternative Name:	CD19 (CD19 Products)
Background:	The CD19 antigen (95 kDa) is expressed from the earliest stage of B progenitor development, on all

Target Details

peripheral B cells including germinal centre B cells, and all B cell lines and B cell leukaemia tested. T cell and monocytic cell lines are negative and the antigen is lost on B cell maturation to plasma cells. The antigen is a type I integral membrane glycoprotein whose in vitro inhibition will influence B cell activation and proliferation.

UniProt: [P15391](#)

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

Application Details

Application Notes: ELISA: 1/10000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Ascitic fluid containing 0.03 % sodium azide.

Preservative: Sodium azide

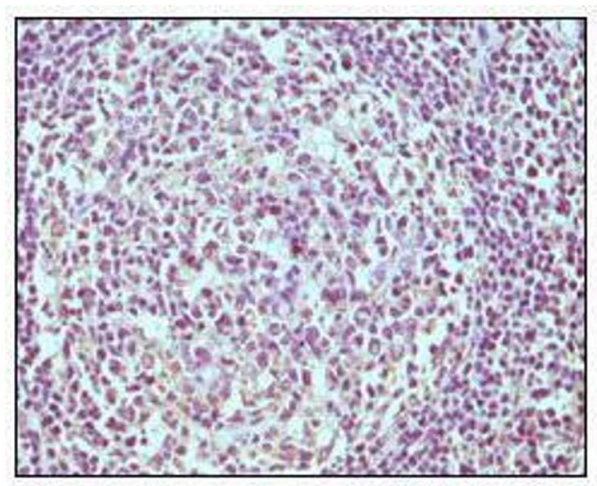
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

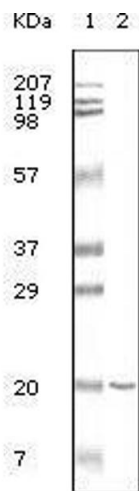
Publications

Product cited in: de Rie, Zeijlemaker, von dem Borne: "Inhibition, by vinca alkaloids and colchicine, of antigenic modulation induced by anti-CD19 monoclonal antibodies." in: **Leukemia research**, Vol. 12, Issue 2, pp. 135-41, (1988) ([PubMed](#)).



Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded human normal lymph node, showing cytoplasmic localization using CD19 mouse mAb with DAB staining.



Western Blotting

Image 2. Western blot analysis using CD19 mouse mAb against CD19 recombinant protein.