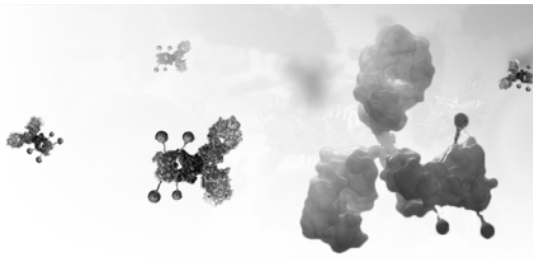

Rabbit Anti-Human CD19 Polyclonal Antibody (CABT-L2078)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Cluster Of Differentiation 19 (Knockout Validated)
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.
Target	CD19
Immunogen	Recombinant fragment corresponding to human CD19 (Arg19~Gly287)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Rat, Mouse
Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
Preservative	0.05% Proclin-300

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Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags

BACKGROUND

Introduction	Lymphocytes proliferate and differentiate in response to various concentrations of different antigens. The ability of the B cell to respond in a specific, yet sensitive manner to the various antigens is achieved with the use of low-affinity antigen receptors. This gene encodes a cell surface molecule which assembles with the antigen receptor of B lymphocytes in order to decrease the threshold for antigen receptor-dependent stimulation. [provided by RefSeq, Jul 2008]
Keywords	B4;B-lymphocyte surface antigen B4;T-cell surface antigen Leu-12

GENE INFORMATION

Gene Name	CD19 CD19 molecule [Homo sapiens (human)]
Official Symbol	CD19
Synonyms	CD19; CD19 molecule; B4; CVID3; B-lymphocyte antigen CD19; differentiation antigen CD19; T-cell surface antigen Leu-12; B-lymphocyte surface antigen B4;
Entrez Gene ID	930
Protein Refseq	NP_001171569
UniProt ID	P15391
Chromosome Location	16p11.2
Pathway	Adaptive Immune System; Antigen activates B Cell Receptor (BCR) leading to generation of second messengers; B Cell Receptor Signaling Pathway; B cell receptor signaling pathway; BCR signaling pathway; Constitutive PI3K/AKT Signaling in Cancer; DAP12 interactions; DAP12 signaling;
Function	receptor signaling protein activity;

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