



Rabbit Anti-CD19 monoclonal antibody, clone KG100-0 (CABT-L890)

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

PRODUCT INFORMATION

Target	CD19
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	KG100-0
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, FC
Molecular Weight	75-100 kDa
Cellular Localization	Membrane.
Positive Control	293, rat brain tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
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BACKGROUND

Introduction	CD19 is a transmembrane glycoprotein that contains two extracellular immunoglobulin-like domains. CD19 is selectively expressed on the cell surface of B-lymphocytes, where it activates intracellular signaling cascades involving both Ras and phosphatidylinositol 3-kinase pathways. Activation of CD19 results in cross-linking of the membrane protein immunoglobulin chains and the subsequent association with Src family protein tyrosine kinases (PTK). Expression of CD19 is continuous throughout B-cell development and through terminal differentiation of B-cells into plasma cells. CD19 forms functional complexes with B-lymphocyte surface proteins, including integrin b1, CD21 and CD81, which are involved in regulating B-cell development.
Keywords	antibody deficiency due to defect in CD19, included;AW495831;B lymphocyte antigen CD19;B lymphocyte surface antigen B4;B-lymphocyte antigen CD19;B-lymphocyte surface antigen B4;B4;CD19;CD19 antigen;CD19 molecule;Cd19 protein;CD19_HUMAN;CVID3;Differentiation antigen CD19;Leu 12;Leu-12;Leu12;MGC109570;MGC12802;T-cell surface antigen Leu-12 antibody

GENE INFORMATION

Entrez Gene ID	4582
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