



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.

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](#)
