



Human Anti-Human CD20 (Rituximab) Monoclonal antibody, clone Rituximab (CABT- CS545)

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

PRODUCT INFORMATION

Specificity	CD20
Target	CD20
Isotype	IgG1
Source/Host	Human
Species Reactivity	Human
Clone	Rituximab
Purification	Protein A
Conjugate	unconjugated
Applications	ELISA
Format	Liquid
Size	1 mg
Buffer	PBS, pH 7.4. Contains no stabilizers or preservatives
Preservative	None
Storage	2 weeks, 2-8°C under sterile conditions after reconstitution. Avoid repeated freeze-thaw. -80°C for a long-term storage.

BACKGROUND

Introduction CD20 is a non-glycosylated surface phosphoprotein that has a molecular weight range of 33-37 kDa depending on the degree of phosphorylation. CD20 is expressed on mature and most malignant B cells, in a subpopulation of T lymphocytes and follicular dendritic cells. CD20 expression on B cells is synchronous with the expression of surface IgM and it regulates transmembrane calcium conductance, cell cycle progression and B-cell proliferation. CD20 is also associated with lipid rafts, but the intensity of this association depends on extracellular triggering, employing CD20 conformational change, and/or BCR (B cell antigen receptor) aggregation.

Keywords MS4A1; B1; Bp35; CD20; CVID5; LEU-16; MS4A2; S7