

Product datasheet

anti-CD20 mouse monoclonal, 93-1B3, purified

Short overview

Cat. No.	691566
Quantity	1 ml (100 µg/ml)
Concentration	100 µg/ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG1 kappa
Clone	93-1B3
Immunogen	Stimulated human leucocytes
Formulation	PBS with 0.02% sodium azide
UniprotID	P11836 (Human)
Synonym	B-lymphocyte antigen CD20, B-lymphocyte surface antigen B1, Bp35, Leukocyte surface antigen Leu-16, Membrane-spanning 4-domains subfamily A member 1, CD antigen CD20, MS4A1, CD20
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage	2-8°C
Intended use	Research use only
Application	FACS, IHC
Reactivity	Human

Applications

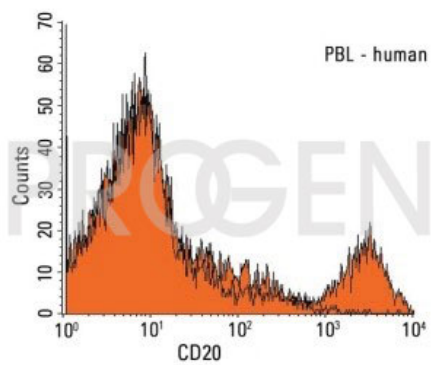
Flow Cytometry (FACS)	0.5-1.0 µg/million cells in 0.1 ml
Immunohistochemistry (IHC) - frozen	1:50-1:100 (1-2 µg/ml)

Background

93-1B3 binds with CD20, which is a 30/33 kDa non-glycosylated transmembrane phosphoprotein with three extensive hydrophobic regions. CD20 is involved in regulation of B-cell activation. It is expressed on the surface of all B-cells beginning at the pro-B phase (CD45R+, CD117+) and progressively increasing in concentration until maturity. Plasma cells are negative. CD20 is retained on many B-cell malignancies. CD20 positive cells are also sometimes found in cases of Hodgkin's disease, myeloma, and thymoma. 93-1B3 has been clustered at the IIIrd and Vth HLDA Workshops.

Positive control: Daudi, Raji, U266, human lymphocytes, lymph nodes and tonsils.

Product images



FACS with human peripheral blood lymphocytes