

Product datasheet

anti-CD19 mouse monoclonal, CB19, purified

Short overview

Cat. No.	691565
Quantity	1 ml (100 µg/ml)
Concentration	100 µg/ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG1 kappa
Clone	CB19
Immunogen	Human PBLs
Formulation	PBS with 0.02% sodium azide
UniprotID	P15391 (Human)
Synonym	B-lymphocyte antigen CD19, B-lymphocyte surface antigen B4, Differentiation antigen CD19, T-cell surface antigen Leu-12, CD antigen CD19, CD19
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage	2-8°C
Intended use	Research use only
Application	FACS, ICC/IF, IHC
Reactivity	Human

Applications

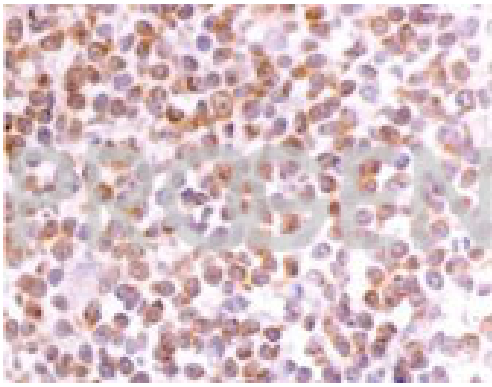
Flow Cytometry (FACS)	0.5-1.0 µg/million cells in 0.1 ml
Immunocytochemistry (ICC)	1:100-1:200 (0.5-1.0 µg/ml)
Immunohistochemistry (IHC) - frozen	1:50-1:100 (1-2 µg/ml)

Background

CB19 is specific for the antigen CD19. This antigen has a MW of 120 kDa and contains a 280 residue extracellular domain and a 240 residue cytoplasmic domain. It is a critical signal transduction molecule that regulates B-lymphocyte development, activation, and differentiation. It plays a dominant role in establishing signalling thresholds for antigen receptors and other surface receptors on B-lymphocytes. This antigen is lost upon terminal differentiation to plasma cells.

Positive control: Raji cells, human tonsil or lymph node.

Product images



Small lymphocytic lymphoma