

Product datasheet

anti-CD19 mouse monoclonal, CB19, purified

Short overview

Cat. No. 691565

 $\begin{tabular}{lll} \bf Quantity & 1 ml (100 \ \mu g/ml) \\ \bf Concentration & 100 \ \mu g/ml \\ \end{tabular}$

Product description

HostMouseAntibody TypeMonoclonalIsotypeIgG1 kappaCloneCB19

Immunogen Human PBLs

Formulation PBS with 0.02% sodium azide

UniprotID P15391 (Human)

Synomym 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

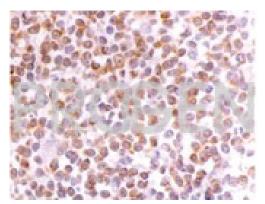
Flow Cytometry (FACS)0.5-1.0 μg/million cells in 0.1 mlImmunocytochemistry (ICC)1:100-1:200 (0.5-1.0 μg/ml)Immunohistochemistry (IHC) - frozen1:50-1:100 (1-2 μg/ml)

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