

Product datasheet

anti-CD22 mouse monoclonal, MYG13, purified

Short overview

Cat. No.	691568
Quantity	1 ml (100 µg/ml)
Concentration	100 µg/ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG1 kappa
Clone	MYG13
Immunogen	RAJI cells
Formulation	PBS with 0.02% sodium azide
UniprotID	P20273 (Human)
Synonym	B-cell receptor CD22, B-lymphocyte cell adhesion molecule, BL-CAM, Sialic acid-binding Ig-like lectin 2, Siglec-2, T-cell surface antigen Leu-14, CD antigen CD22, CD22, SIGLEC2
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage	2-8°C
Intended use	Research use only
Application	FACS, ICC/IF, IHC
Reactivity	Human

Applications

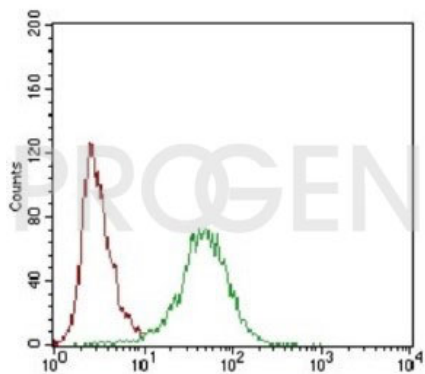
Flow Cytometry (FACS)	0.5-1.0 µg/million cells in 0.1 ml
Immunocytochemistry (ICC)	1:100-1:200 (0.5-1.0 µg/ml)
Immunohistochemistry (IHC) - frozen	1:50-1:100 (1-2 µg/ml)

Background

MYG13 reacts with high affinity to CD22, which is expressed in the cytoplasm of all B-cells, appearing as early as cell-surface CD19 during B-cell development. It is present on the surface of most mature slg+ B-cells with especially high expression on hairy cell and prolymphocytic leukemia cells. CD22 is a member of the immunoglobulin superfamily and acts as an adhesion molecule: BL-CAM. On frozen sections, CD22 is found highly expressed in follicular mantle and marginal zone B-cells, while CD22 is expressed in germinal centre B-cells relatively weakly.

Positive control: Raji, Daudi, IM9, JY25 and human peripheral blood lymphocytes or tonsil.

Product images



FACS with human peripheral blood lymphocytes