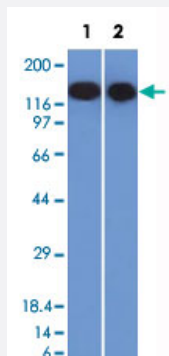


CD22 monoclonal antibody, clone BLCAM/1795

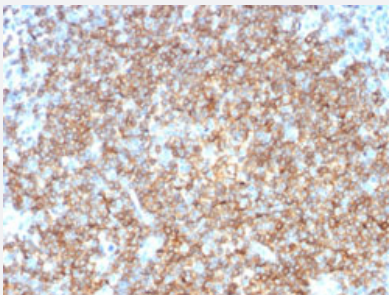
Catalog # MAB15057 Size 100 ug

Applications



Western Blot (Cell lysate)

Western Blot analysis of Lane 1: Raji and Lane 2: Ramos cell lysates with CD22 monoclonal antibody, clone BLCAM/1795 (Cat # MAB15057).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil with CD22 monoclonal antibody, clone BLCAM/1795 (Cat # MAB15057).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human CD22.
Immunogen	Recombinant protein corresponding to amino acids 52-178 of human CD22.
Host	Mouse
Theoretical MW (kDa)	130-140
Reactivity	Human
Form	Liquid

Purification	Protein A/G purification
Isotype	IgG1, kappa
Recommend Usage	ELISA (2-4 ug/mL for coating) Flow Cytometry (0.5-1 ug/10 ⁶ cells) Immunofluorescence (0.5-1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL) Western Blotting (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS.
Storage Instruction	Store at -20 to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of Lane 1: Raji and Lane 2: Ramos cell lysates with CD22 monoclonal antibody, clone BLCAM/1795 (Cat # MAB15057).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil with CD22 monoclonal antibody, clone BLCAM/1795 (Cat # MAB15057).

- Immunofluorescence

- Enzyme-linked Immunoabsorbent Assay

- Flow Cytometry

Gene Info — CD22

Entrez GeneID	933
Protein Accession#	P20273
Gene Name	CD22
Gene Alias	FLJ22814, MGC130020, SIGLEC-2, SIGLEC2
Gene Description	CD22 molecule

Omim ID	107266
Gene Ontology	Hyperlink
Other Designations	CD22 antigen

Publication Reference

- [CD22 negatively and positively regulates signal transduction through the B lymphocyte antigen receptor.](#)

Sato S, Tuscano JM, Inaoki M, Tedder TF.

Seminars in Immunology 1998 Aug; 10(4):287.

Application: Flow Cyt, Human, Mouse, B lymphocytes

Pathway

- [B cell receptor signaling pathway](#)
- [Cell adhesion molecules \(CAMs\)](#)
- [Hematopoietic cell lineage](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Scleroderma](#)