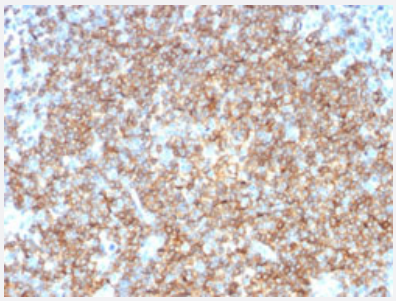
CD22 monoclonal antibody, clone BLCAM/1795

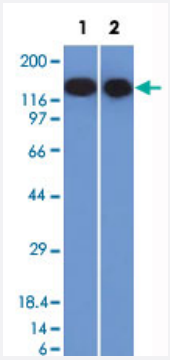
Catalog # MAB15057 Size 100 ug

Applications



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).



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).

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

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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

- 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
- Flow Cytometry
- Enzyme-linked Immunoabsorbent Assay
- 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).

Gene Info — CD22

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

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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

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