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CD22 Antibody (clone 1B1)

Mouse Monoclonal Antibody

Catalog # ALS15976

Specification

CD22 Antibody (clone 1B1) - Product Information

Application	**WB, IF, IHC**
Primary Accession	P20273
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Calculated MW	**95kDa KDa**

CD22 Antibody (clone 1B1) - Additional Information

Gene ID 933

Other Names
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, CD22, CD22, SIGLEC2

Target/Specificity
Human CD22

Reconstitution & Storage
Store at -20°C. Minimize freezing and thawing.

Precautions
CD22 Antibody (clone 1B1) is for research use only and not for use in diagnostic or therapeutic procedures.

CD22 Antibody (clone 1B1) - Protein Information

Name CD22 {ECO:0000303|PubMed:1691828, ECO:0000312|HGNC:HGNC:1643}

Function
Mediates B-cell B-cell interactions. May be involved in the localization of B-cells in lymphoid tissues. Binds sialylated glycoproteins; one of which is CD45. Preferentially binds to alpha-2,6-linked sialic acid. The sialic acid recognition site can be masked by cis interactions with sialic acids on the same cell surface. Upon ligand induced tyrosine phosphorylation in the immune response seems to be involved in regulation of B-cell antigen receptor signaling. Plays a role in positive regulation through interaction with Src family tyrosine kinases and may also act as an inhibitory receptor by recruiting cytoplasmic phosphatases via their SH2 domains that block signal transduction through dephosphorylation of signaling molecules.

Cellular Location
Cell membrane; Single-pass type I membrane protein

Tissue Location
B-lymphocytes.

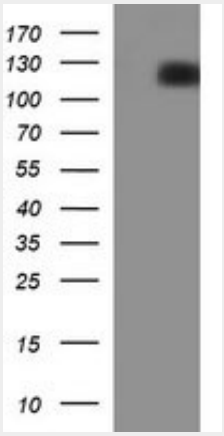
Volume
50 µl

CD22 Antibody (clone 1B1) - Protocols

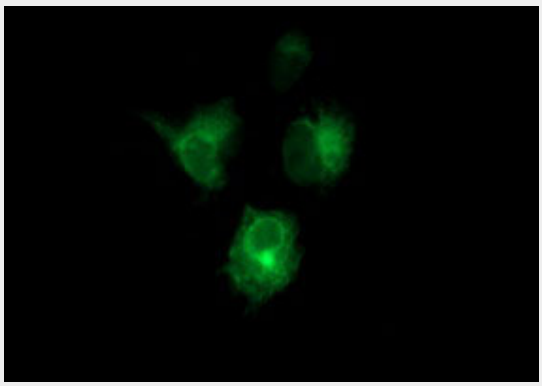
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CD22 Antibody (clone 1B1) - Images

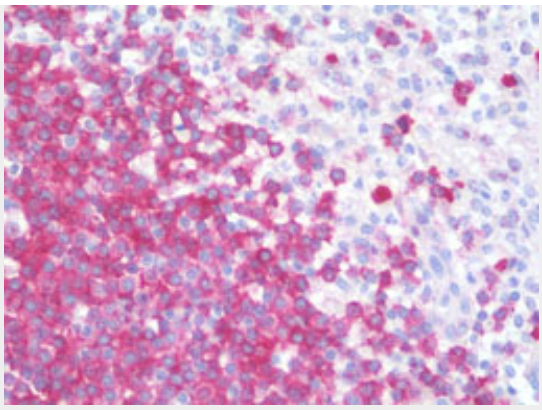


HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CD22...



Anti-CD22 mouse monoclonal antibody immunofluorescent staining of COS7 cells transiently...

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Anti-CD22 antibody IHC staining of human spleen.

CD22 Antibody (clone 1B1) - Background

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CD22 Antibody (clone 1B1) - References

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