

CD22 monoclonal antibody

Catalog: MB21747

Host: Mouse

Reactivity: Human

BackGround:

CD22 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

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

95.3kDa

Swiss-Prot:

P20273

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1/500 - 1/2000 IHC:1/200 - 1/1000 IF:1/50 - 1/200 FC:1/200 - 1/400

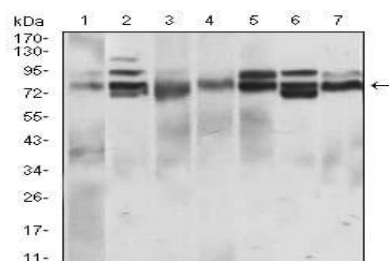
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

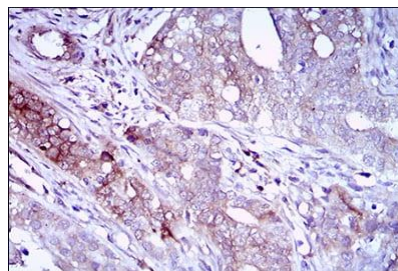
Isotype:

Mouse IgG1

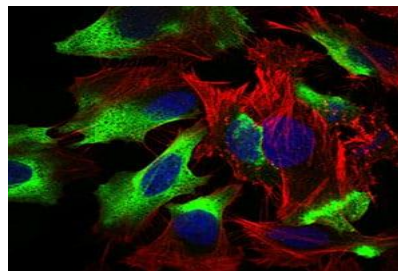
DATA:



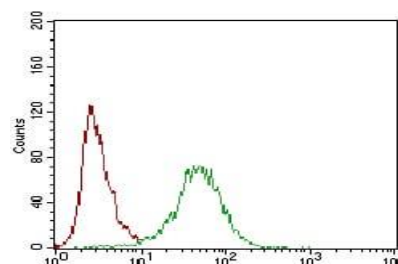
Western blot analysis using CD22 mouse mAb against L1210 (1), Hela (2), HEK293 (3), Jurkat (4), OCM-1 (5), A432 (6) and NIH/3T3 (7) cell lysate.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using CD22 mouse mAb with DAB staining.



Immunofluorescence analysis of HeLa cells using CD22 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



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PRODUCT DATA SHEET

Bioworld Technology, Inc.

Flow cytometric analysis of Hela cells using CD22 mouse mAb (green)
and negative control (red).

Note:

For research use only, not for use in diagnostic procedure.

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