

CD22 antibody

Product Information

Catalog No.:	FNab01444
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	7D10
IsoType:	IgG1
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

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.

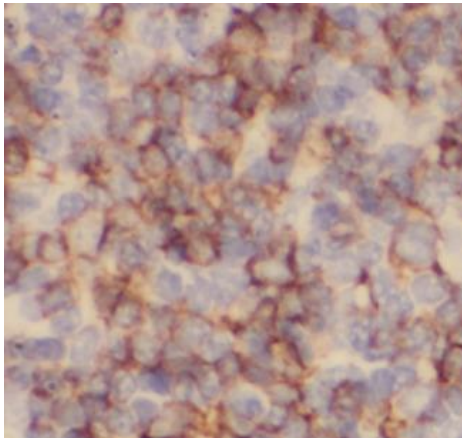
Immunogen information

Immunogen:	CD22 molecule
Synonyms:	B cell receptor CD22, BL CAM, CD22, CD22 molecule, SIGLEC 2, SIGLEC2, T cell surface antigen Leu 14
Observed MW:	135 kDa
Uniprot ID :	P20273

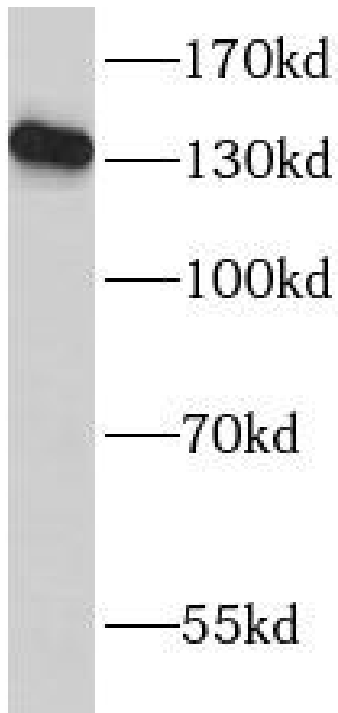
Application

Reactivity:	Human
Tested Application:	ELISA, WB, IHC
Recommended dilution:	WB : 1:1000-1:10000; IHC : 1:500-1:2000

Image:



Immunohistochemistry of paraffin-embedded human tonsillitis tissue slide using FNab01444(CD22 Antibody) at dilution of 1:400



Raji cells were subjected to SDS PAGE followed by western blot with FNab01444(CD22 antibody) at dilution of 1:5000