

CD45 antibody

Product Information

Catalog No.:	FNab09780
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	4C8
IsoType:	IgG2a
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

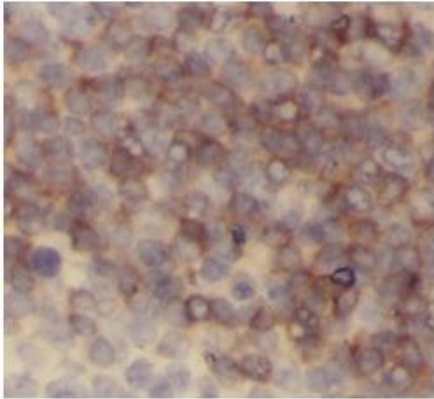
CD45, also known as leukocyte common antigen(LCA), B220, and T200, is a 180-240 kD single chain type I membrane glycoprotein. It is a tyrosine phosphatase expressed on the plasma membrane of all hematopoietic cells, except erythrocytes and platelets. CD45 is a signaling molecule that regulates a variety of cellular processes including cell growth, differentiation, cell cycle, and oncogenic transformation.

Immunogen information

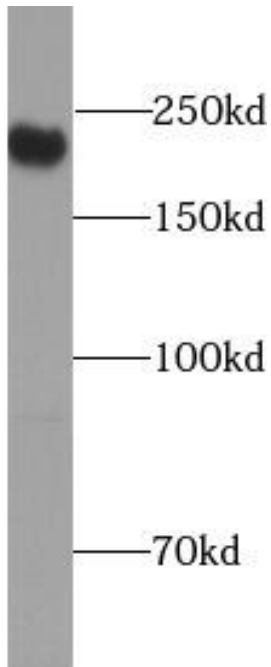
Immunogen:	protein tyrosine phosphatase, receptor type, C
Synonyms:	Receptor-type tyrosine-protein phosphatase C Leukocyte common antigen (L-CA) T200 PTPRC CD45
Observed MW:	180-220 kDa
Uniprot ID :	P08575

Application

Reactivity:	Human, Pig
Tested Application:	ELISA, WB, IHC, FC
Recommended dilution:	WB: 1:1000-1:10000; IHC: 1:20-1:200
Image:	



Immunohistochemistry of paraffin-embedded human tonsillitis tissue slide using FNab09780 (CD45 Antibody) at dilution of 1:300. heat mediated antigen retrieved with Tris-EDTA buffer (pH9).



Raji cells were subjected to SDS PAGE followed by western blot with FNab09780 (CD45 Antibody) at dilution of 1:1000