CD45 (8C1) Mouse mAb

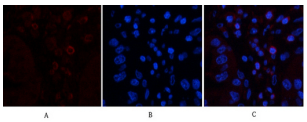
db6424 **Package : 50μL 100μL**

Product Name : CD45 (8C1) Mouse mAb
Cat.No.: db6424
Synonyms : GP180; L CA; CD45 antigen
Application : ICC/IF, WB, IHC-P
Reactivity : Human
Host species : Mouse

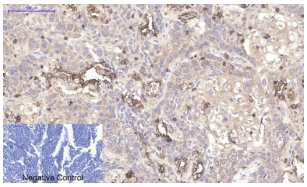
Background	Protein tyrosine-protein phosphatase required for T-cell activation through the antigen receptor. Acts as a positive regulator of T-cell coactivation upon binding to DPP4. The first PTPase domain has enzymatic activity, while the second one seems to affect the substrate specificity of the first one. Upon T-cell activation, recruits and dephosphorylates SKAP1 and FYN . Dephosphorylates LYN, and thereby modulates LYN activity.
Immunogen	Synthetic Peptide of CD45
Gene ID	19264
Swiss Prot	P06800
Synonyms	GP180; L CA; CD45 antigen
Reactivity	Human
Application	ICC/IF, WB, IHC-P
Recommended dilution	WB: 1:500-1:1000 IHC: 1:50-1:100 ICC/IF: 1:50-1:200
Calculated MW	145 kDa
Observed MW	145 kDa
Host species	Mouse
Clonality	Monoclonal
Clonality No.	8C1-9B8-2H1
Isotype	IgG1
Purity	Affinity Purification

Conjugation Un-conjugated

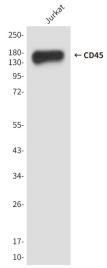
Storage Stability Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA . Stable for 12 months from date of receipt.



Immunofluorescence analysis of CD45 (8C1) in Human livercancer tissue using CD45 (8C1) antibody(red),and DAPI (blue).



Immunohistochemical analysis of paraffin-embedded Human tonsils using CD45 (8C1) antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.Negative control was used by secondary antibody only.



Western blot analysis of CD45 (8C1) in Jurkat lysates using CD45 (8C1) antibody.