

## 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

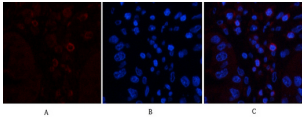
**Isotype**

IgG1

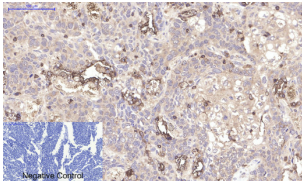
**Purity**

Affinity Purification

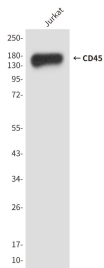
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA . Stable for 12 months from date of receipt.



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.