

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

CD45 (8C1) MOUSE MAB

Cat.#: N261211

Product Name: Anti-CD45 (8C1) Mouse Monoclonal Antibody

Synonyms: GP180; L CA; CD45 antigen

UNIPROT ID: P06800

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

Applications: WB,IHC-F,IHC-P,ICC/IF

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

Host Species: Mouse

Clonality: Mouse Monoclonal **Clone ID:** 8C1-9B8-2H1

MW: Calculated MW: 145 kDa; Observed MW: 145 kDa

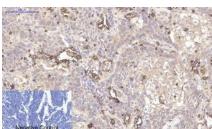
Isotype: IgG1

Purification: Affinity Purified Species Reactivity: Human Conjugation: Unconjugated Modification: Unmodified

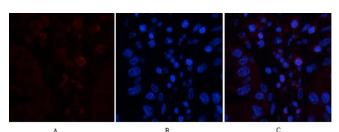
Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: NeuroscienceyyyyyMicroglia

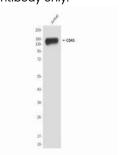
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



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.



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



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