

Product Datasheet

CD45 (8C1) Mouse mAb

Catalog No: AB3505

Reactivity: Human

Isotype: Mouse IgG1

Applications: WB,IHC,ICC/IF,FC



www.abways.com

Information

UniProt ID: P06800

All Names: GP180, L CA, CD45 antigen

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 147kDa

Application

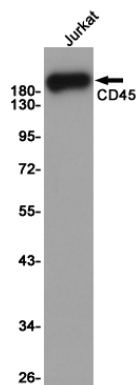
WB: 1/500-1/1000

IHC: 1/50-1/100

ICC/IF: 1/50-1/200

Background

Swiss-Prot Acc.P06800. 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.



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

For Research Use Only. Not For Use In Diagnostic Procedures.

www.abways.com