

**CD45RA Mouse mAb**

Catalog: BS49696

Host: Mouse

Reactivity: Human

BackGround:

The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitosis, and oncogenic transformation. This PTP contains an extracellular domain, a single transmembrane segment and two tandem intracytoplasmic catalytic domains, and thus is classified as a receptor type PTP. This PTP has been shown to be an essential regulator of T- and B-cell antigen receptor signaling. It functions through either direct interaction with components of the antigen receptor complexes, or by activating various Src family kinases required for the antigen receptor signaling. This PTP also suppresses JAK kinases, and thus functions as a regulator of cytokine receptor signaling. Alternatively spliced transcripts variants of this gene, which encode distinct isoforms, have been reported. [provided by RefSeq, Jun 2012]

Product:

1mg/ml in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl,

40% Glycerol, 0.01% sodium azide and 0.05% BSA.

Molecular Weight:**Swiss-Prot:**

P08575-8

Purification&Purity:

Affinity Purification

Applications:

IHC-P: 1:1000-1:5000
FC: 1:200-1:1000

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

The antibody detects endogenous levels of it.

DATA:**Note:**

For research use only, not for use in diagnostic procedure.

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