003216589045 (EU)
0203393 8531 (UK)
(408)780-0908 (US)
info@gentaur.com
www.caslab.com

CD45 Monoclonal Antibody

Cat #: G-AB-05517

Host: Mouse **Reactivity:** Human

Isotype: IgG **Clonality:** Monoclonal

Overview:
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.

Gene ID:

Accession #:

Immunogen: Synthetic Peptide

Conjugation: Unconjugated

Swissprot: P08575

Calculated Molecular Weight: 147 kDa

Observed Molecular Weight: 147 kDa

Concentration: 1 mg/mL

Buffer: PBS with 0.02% sodium azide and 50% glycerol pH 7.4.

Purification Method: Protein A purification

Application: WB,IHC-p

Dilution: WB 1:500-1:2000, IHC 1:50-300

Storage: Store at -20°C. Avoid freeze / thaw cycles.