

CD45 Monoclonal Antibody

Catalog Number:E-AB-22009



Note: Centrifuge before opening to ensure complete recovery of vial contents.

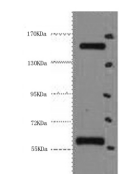
Description

Reactivity	Human
Immunogen	Synthetic Peptide
Host	Mouse
Isotype	IgG
Clone	Clone:3H3
Purification	Protein A purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.4

Applications Recommended Dilution

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

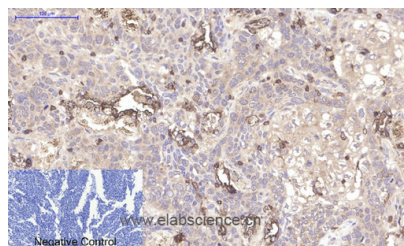
Data



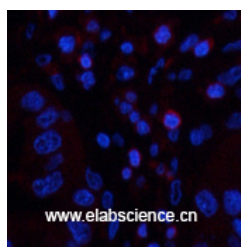
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Western Blot analysis of HeLa cells using CD45 Monoclonal Antibody at dilution of 1:2000.

Observed Mw:147kDa
Calculated Mw:147kDa



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using CD45 Monoclonal Antibody at dilution of 1:200.



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Immunofluorescence analysis of Human liver cancer tissue using CD45 Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

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

Background

The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be

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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.

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