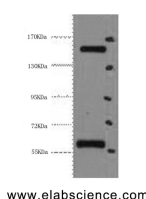


CD45 Monoclonal Antibody

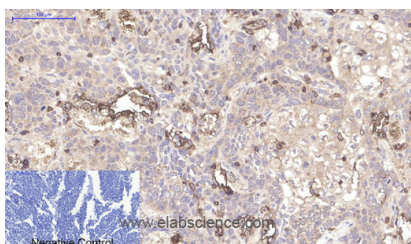
Catalog No.	E-AB-22009	Reactivity	H
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Mouse
Applications	WB,IHC-p	Isotype	IgG

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

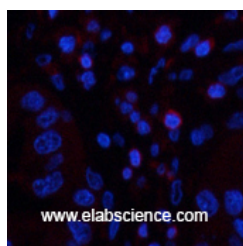
Images



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



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



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

Immunogen Information

Immunogen	Synthetic Peptide
Swissprot	P08575
Synonyms	PTPRC,CD45,Receptor-type tyrosine-protein phosphatase C,Leukocyte common antigen,L-CA,T200,CD45

Product Information

Calculated MW	147kDa
Observed MW	147kDa
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.
Purify	Protein A purification
Clone No.	Clone:3H3
Dilution	WB 1:500-1:2000, IHC 1:50-300

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.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.