

CD45 Antibody (YA800)

Cat. No.:	HY-P80603
Synonyms:	CD45 Antibody (YA800) is a non-conjugated and Mouse originated monoclonal antibody about 147 kDa, targeting to CD45. It can be used for WB,IHC-P assays with tag free, in the background of Human, Mouse.
Host:	Mouse
Reactivity:	Human,Mouse
Conjugation:	Non-conjugated
SwissProt ID:	P08575
Research Field:	Immunology
Molecular Weight:	Predicted band size: 147 kDa

PROPERTIES

Formulation	Supplied in 1*PBS (pH 7.3), 50% glycerol and 0.5% BSA. Preservative: 0.02% sodium azide.	
Purity	affinity purified	
Storage & Stability	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.	
Appearance	Liquid	
Application & Dilution Ratio	Application	Dilution Ratio
	WB	1:500-1:1,000
	IHC	1:50-1:100
Shipping	Shipping with blue ice.	

DESCRIPTION

Background	<p>CD45: 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]</p>
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Caution: Product has not been fully validated for medical applications. For research use only.

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