



Magic™ Anti-ACP1 (Phospho Y) monoclonal antibody, clone 5H20 (DMABT-H20983)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse Anti-ACP1 Monoclonal Antibody
Antigen Description	Some of the tyrosine residues can be tagged with a phosphate group (phosphorylated) by protein kinases. (In its phosphorylated state, it is referred to as phosphotyrosine.). Tyrosine phosphorylation is considered as one of the key steps in signal transduc
Specificity	This antibody recognizes tyrosine-phosphorylated proteins from all species.
Target	ACP1
Immunogen	Phosphotyramine-KLH
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	5H20
Conjugate	Unconjugated
Applications	IP
Format	Purified
Size	50 µg
Preservative	None
Storage	Stable for 2 year at 2-8 °C from date of receipt. NOTE: DO NOT FREEZE. For maximum

recovery of the product, centrifuge the original vial prior to removing the cap. If the product has accidentally been frozen and thawed, spin it at 13,000 x g for 10 minutes

GENE INFORMATION

Gene Name	ACP1 acid phosphatase 1, soluble [Homo sapiens]
Official Symbol	ACP1
Synonyms	ACP1; acid phosphatase 1, soluble; low molecular weight phosphotyrosine protein phosphatase; LMW-PTP; LMW-PTPase; adipocyte acid phosphatase; red cell acid phosphatase 1; protein tyrosine phosphatase; acid phosphatase of erythrocyte; cytoplasmic phosphotyrosyl protein phosphatase; low molecular weight cytosolic acid phosphatase; HAAP; MGC3499; MGC111030;
Entrez Gene ID	52
Protein Refseq	NP_001035739
UniProt ID	P24666
Chromosome Location	2p25
Pathway	Adherens junction, organism-specific biosystem; Adherens junction, conserved biosystem; EPHA2 forward signaling, organism-specific biosystem; PDGFR-beta signaling pathway, organism-specific biosystem; Riboflavin metabolism, organism-specific biosystem; Riboflavin metabolism, conserved biosystem; T Cell Receptor Signaling Pathway, organism-specific biosystem;
Function	acid phosphatase activity; hydrolase activity; non-membrane spanning protein tyrosine phosphatase activity; protein binding;