



Magic™ Anti-ACP1 (Phospho Y) monoclonal antibody, clone H205 (DMABT-H15667)

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

PRODUCT INFORMATION

Product Overview	Mouse Anti-ACP1 Monoclonal Antibody
Specificity	Reacts with phosphotyrosine, and detects the presence of phosphotyrosine in proteins of both unstimulated and stimulated cell lysates. Does not cross react with phosphoserine or phosphothreonine.
Target	ACP1
Immunogen	Phosphotyrosine, alanine and glycine in a 1:1:1 ratio polymerized in the presence of KLH with EDC.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	H205
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Buffer	In PBS, pH 7.4 (50% glycerol, 0.1% sodium azide)
Preservative	0.1% Sodium Azide
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

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;