



Magic™ Anti-ACP1 (Phospho Y) monoclonal antibody, clone QZ30 [AP] (DMABT-H21053)

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	Cellular activation, proliferation and differentiation are signaled by phosphorylation of tyrosine residues. Growth factor receptors and oncogene protein kinases are associated with tyrosine phosphorylation.
Specificity	Recognizes a broad spectrum of tyrosine-phosphorylated proteins.
Target	ACP1
Immunogen	KLH conjugated to phosphotyrosine, glycine, and alanine
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	QZ30
Conjugate	AP
Applications	ELISA, IB, IHC
Procedure	Phospho-specific Antibodies
Format	Purified
Preservative	None
Storage	Following initial thaw, aliquot and freeze (-20 °C). Avoid repeated freeze-thaw.

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;