



# Magic™ Anti-ACP1 (Phospho Y) monoclonal antibody, clone QZ30 (DMABT-H21052)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Mouse Anti-ACP1 Monoclonal Antibody
<b>Antigen Description</b>	Cellular activation, proliferation and differentiation are signaled by phosphorylation of tyrosine residues. Growth factor receptors and oncogene protein kinases are associated with tyrosine phosphorylation.
<b>Specificity</b>	Recognizes a broad spectrum of tyrosine-phosphorylated proteins in their native and denatured states.
<b>Target</b>	ACP1
<b>Immunogen</b>	KLH conjugated to phosphotyrosine, glycine, and alanine
<b>Isotype</b>	IgG2b
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	QZ30
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA, IB, ICC, IP, EM
<b>Format</b>	Purified
<b>Preservative</b>	None
<b>Storage</b>	Following initial thaw, aliquot and freeze (-20 °C). Avoid repeated freeze-thaw.

# GENE INFORMATION

Gene Name	<a href="#">ACP1 acid phosphatase 1, soluble [ Homo sapiens ]</a>
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	<a href="#">52</a>
Protein Refseq	<a href="#">NP_001035739</a>
UniProt ID	<a href="#">P24666</a>
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;