



Anti-ACY1 monoclonal antibody, clone 5G2-C8 (DCABH-510)

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

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to Aminoacylase 1
Antigen Description	Involved in the hydrolysis of N-acylated or N-acetylated amino acids (except L-aspartate).
Immunogen	Recombinant full length Human Aminoacylase 1
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	5G2-C8
Conjugate	Unconjugated
Applications	WB, IP, IHC-P, ICC/IF, Sandwich ELISA
Positive Control	Human kidney (tubules) tissue; K562 cell lysate; Aminoacylase 1 transfected 293T cell lysate; HeLa cells
Format	Liquid
Size	100 µg
Buffer	pH: 7.20; Constituent: 99% PBS
Preservative	None
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	ACY1 aminoacylase 1 [Homo sapiens]
Official Symbol	ACY1
Synonyms	ACY1; aminoacylase 1; aminoacylase-1; acylase; N-acyl-L-amino-acid amidohydrolase; ACY-1; ACY1D;
Entrez Gene ID	95
Protein Refseq	NP_000657
UniProt ID	Q03154
Chromosome Location	3p21.2
Pathway	Arginine and proline metabolism, organism-specific biosystem; Arginine and proline metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem; Urea cycle and metabolism of amino groups, organism-specific biosystem;
Function	aminoacylase activity; hydrolase activity; metal ion binding; metallopeptidase activity;