

Mouse anti-Human ACY1 Monoclonal Antibody | anti-ACY1 antibody

ACY1 (Aminoacylase 1, Aminoacylase-1, ACY-1, N-acyl-L-amino-acid Amidohydrolase) (PE)

CATALOG # AAA25599	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Western Blot
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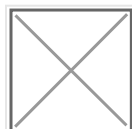
PRODUCT SYNONYMS

ACY1; Monoclonal Antibody; ACY1 (Aminoacylase 1; Aminoacylase-1; ACY-1; N-acyl-L-amino-acid Amidohydrolase) (PE); anti-ACY1 antibody

PRODUCT SPECIFICATIONS

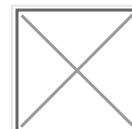
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	4F1-B7
Specificity	Recognizes human ACY1.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Applicable Applications for anti-ACY1 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Application Notes	IF: 10ug/ml Applications are based on unconjugated antibody.
Immunogen	Full length recombinant corresponding to aa1-408 from human ACY1 (AAH00545) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MTSKGPAAEEHPSVTLFRQYLRI RTVQPKPDYGAAVAFFEETARQLGLGCQKVEVAPGYVVTLTWPGTNPTLSSILLNSHTDVPVFKEHWSHDPFEAFK
Conjugate	PE
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo

IMAGES



WB (Western Blot)

Western Blot analysis of ACY1 expression in transfected 293T cell line by ACY1 monoclonal antibody. Lane 1: ACY1 transfected lysate (45.9kD). Lane 2: Non-transfected lysate.



IF (Immunofluorescence)

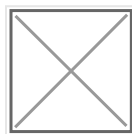
Immunofluorescence of monoclonal antibody to ACY1 on HeLa cell. [antibody concentration 10ug/ml].

**IHC (Immunohistochemistry)**

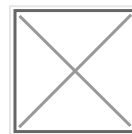
Immunoperoxidase of monoclonal antibody to ACY1 on formalin-fixed paraffin-embedded human malignant lymphoma, diffuse large B tissue. [antibody concentration 3ug/ml]

**IP (Immunoprecipitation)**

Immunoprecipitation of ACY1 transfected lysate using ACY1 monoclonal antibody and Protein A Magnetic Bead and immunoblotted with ACY1 rabbit polyclonal antibody.

**WB (Western Blot)**

ACY1 monoclonal antibody Western Blot analysis of ACY1 expression in K-562.

**WB (Western Blot)**

Western Blot detection against Immunogen (70.62kD).

ADDITIONAL INFORMATION

Product Categories/Family for anti-ACY1 antibody	Antibodies; Enzymes
References	1. Profiling of antibody production against xenograft-released proteins by protein microarrays discovers prostate cancer markers. Jansen FH, Rijswijk A, Teubel W, Weerden WM, Reneman S, Bemd GJ, Roobol MJ, Bangma CH, Staal FJ, Jenster G.J Proteome Res. 2011 Dec 2.

NCBI AND UNIPROT INFORMATION

NCBI GI #	33875558
NCBI GeneID	95
Molecular Weight	42,195 Da
NCBI Official Full Name	Homo sapiens aminoacylase 1, mRNA
NCBI Official Synonym Full Names	aminoacylase 1
NCBI Official Symbol	ACY1
NCBI Official Synonym Symbols	ACY-1; ACY1D; HEL-S-5
NCBI Protein Information	aminoacylase-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/acy1-antibody-clone-4f1-b7-immunofluorescence-immunohistochemistry-immunoprecipitation-western-blot-elisa/25599>