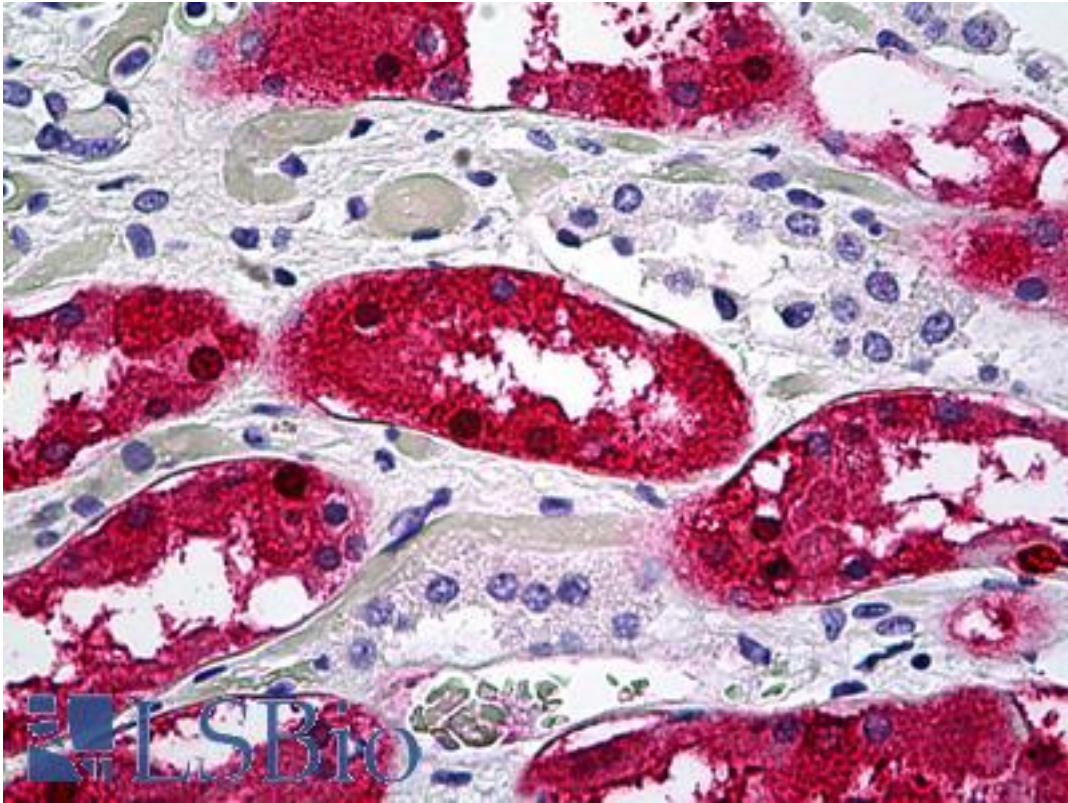


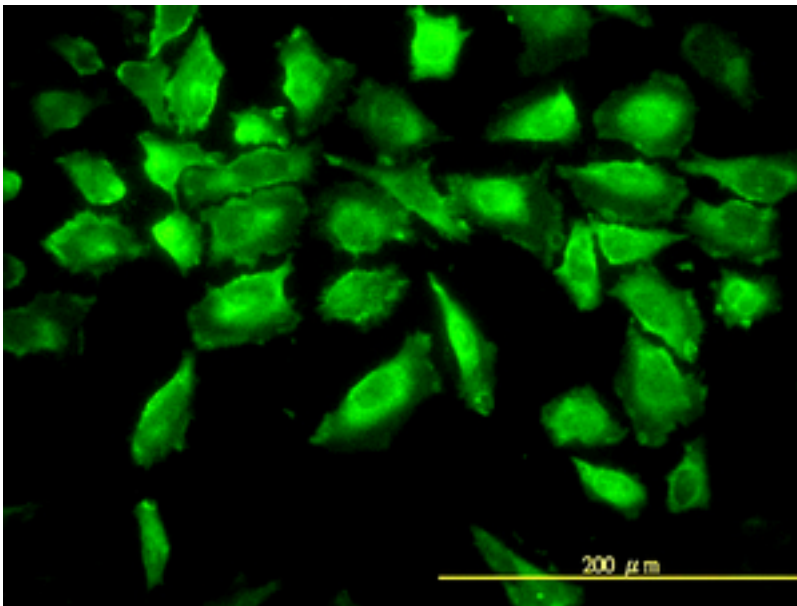
ACY1 / Aminoacylase 1 Mouse anti-Human Monoclonal (4F1-B7) Antibody - LS-B5375 - LSBio	
<b>CatalogID:</b>	LS-B5375
<b>Validation:</b>	This antibody replaces catalog number LS-C133033. It has been validated for use in the following assays: IHC-P.
<b>Target:</b>	aminoacylase 1 (ACY1)
<b>Synonyms:</b>	ACY1 Antibody, Aminoacylase-1 Antibody, ACY-1 Antibody, ACY1D Antibody, Acylase Antibody, Acylase I Antibody, Aminoacylase 1 Antibody, Aminoacylase Antibody, Aminoacylase I Antibody
<b>Family / Subfamily:</b>	Protease / Metallopeptidase M20
<b>Host</b>	ACY1 antibody was produced in Mouse
<b>Clonality:</b>	Monoclonal
<b>Isotype:</b>	IgG1,k
<b>Clone Name:</b>	4F1-B7
<b>Immunogen Species:</b>	ACY1 / Aminoacylase 1 antibody was raised against Human
<b>Immunogen:</b>	ACY1 / Aminoacylase 1 antibody was raised against aCY1 (AAH00545, 1 a.a. ~ 409 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Specificity:</b>	Human Aminoacylase-1
<b>Reactivity:</b>	Human
<b>Purification:</b>	Protein A purified
<b>Presentation:</b>	PBS, pH 7.2. Sourced in Ascites.
<b>Recommended Storage:</b>	Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.
<b>Usage Summary:</b>	Immunohistochemistry: Formalin-fixed paraffin-embedded sections. Sandwich ELISA: Recombinant protein. Western Blot: Cell lysate, Transfected lysate, Recombinant protein.
<b>Uses:</b>	IHC - Paraffin (5 µg/ml), Immunofluorescence (10 µg/ml), Western blot (1:500 - 1:1000), Immunoprecipitation, ELISA (Optimal dilution to be determined by the researcher)
<b>Size:</b>	50 µg
<b>Concentration:</b>	0.5 mg/ml

**Immunohistochemistry Image:**



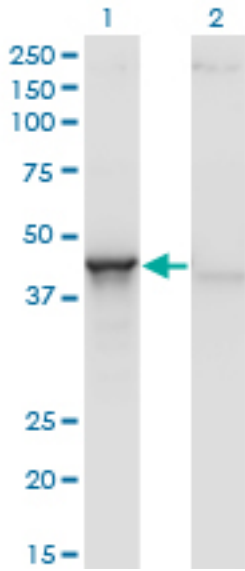
Anti-ACY1 / Aminoacylase-1 antibody IHC of human kidney, tubules. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B5375 concentration 5 ug/ml.

**Immunofluorescence Image:**



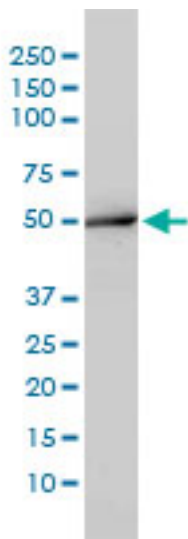
Immunofluorescence of monoclonal antibody to ACY1 on HeLa cell. [antibody concentration 10 ug/ml]

**Western Blot Image:**



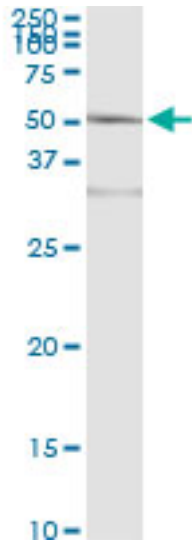
Western blot of ACY1 expression in transfected 293T cell line by ACY1 monoclonal antibody (M01), clone 4F1-B7.

**Western Blot Image:**



Western blot of ACY1 expression in K-562 by ACY1 monoclonal antibody (M01), clone 4F1-B7.

**Immunoprecipitation Image:**



Immunoprecipitation of ACY1 transfected lysate using anti-ACY1 monoclonal antibody and Protein A Magnetic Bead.

**Requested From:**

Japan

Laboratory Reagent For In Vitro Research Use Only

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Created on 9/24/2014

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