

Product Datasheet

Aminoacylase/ACY1 Antibody (4F1-B7) - Azide and BSA Free H00000095-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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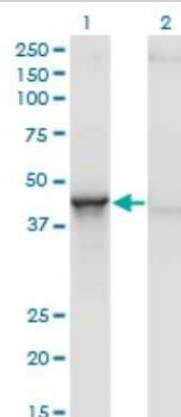


H00000095-M01**Aminoacylase/ACY1 Antibody (4F1-B7) - Azide and BSA Free**

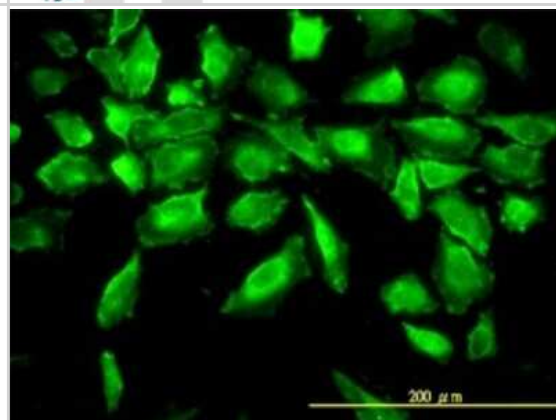
| Product Information | |
|------------------------------------|---|
| Unit Size | 0.1 mg |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | 4F1-B7 |
| Preservative | No Preservative |
| Isotype | IgG1 Kappa |
| Purity | IgG purified |
| Buffer | In 1x PBS, pH 7.4 |
| Product Description | |
| Description | Quality control test: Antibody Reactive Against Recombinant Protein. |
| Host | Mouse |
| Gene ID | 95 |
| Gene Symbol | ACY1 |
| Species | Human |
| Specificity/Sensitivity | ACY1 - aminoacylase 1 |
| Immunogen | ACY1 (AAH00545, 1 a.a. ~ 408 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MTSKGPAAEEHPSVTLFRQYLRIQVQPKPDYGAAVAFFETARQLGLGCQKVE VAPGYVVTVLTWPGTNPTLSSILLNSHTDVVPVFKEHWSHDPFEAFKDSEGYIY ARGAQDVKCVSIQYLEAVRRLKVEGHRFPRTIHMTFVPDEEVGGHQGMELFV QRPEFHALRAGFALDEGIANPTDAFTVFYSERSPWWVRVTSTGRPGHASRFM EDTAAEKLHKVVNSILAFREKEWQRLQSNPHLKEGSVTSVNLTKLEGGVAYNVI PATMSASFDFRVAPDVDFKAFEEQLQSWCQAAGEGVTFLEFAQKWMHPQVTP TDDSNPWAAFSRVCKDMNLTLEPEIMPAATDNRYIRAVGVPALGFSPMNRT PVLLHDHDERLHEAVFLRGVDIYTRLLPALASVPALPSDS |
| Notes | This product is produced by and distributed for Abnova, a company based in Taiwan. |
| Product Application Details | |
| Applications | Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation |
| Recommended Dilutions | Western Blot 1:500, ELISA, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500 |
| Application Notes | Antibody reactivity against recominant protein and cell lysate for WB. It has also been used for IF, IHC-P and ELISA. |

Images

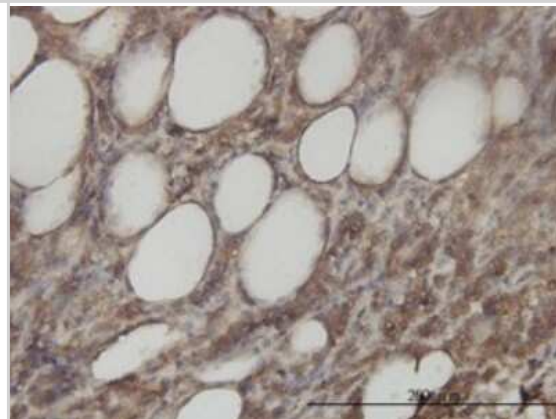
Western Blot: Aminoacylase/ACY1 Antibody (4F1-B7) [H00000095-M01]
 - Analysis of ACY1 expression in transfected 293T cell line by ACY1 monoclonal antibody (M01), clone 4F1-B7. Lane 1: ACY1 transfected lysate (45.9 KDa). Lane 2: Non-transfected lysate.



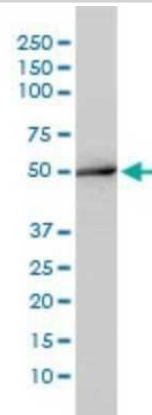
Immunocytochemistry/Immunofluorescence: Aminoacylase/ACY1 Antibody (4F1-B7) [H00000095-M01] - Analysis of monoclonal antibody to ACY1 on HeLa cell. Antibody concentration 10 ug/ml.



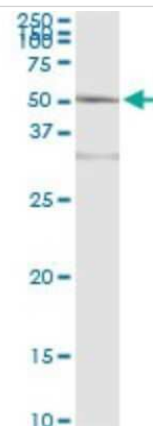
Immunohistochemistry-Paraffin: Aminoacylase/ACY1 Antibody (4F1-B7) [H00000095-M01] - Analysis of monoclonal antibody to ACY1 on formalin-fixed paraffin-embedded human malignant lymphoma, diffuse large B tissue. Antibody concentration 3 ug/ml.



Western Blot: Aminoacylase/ACY1 Antibody (4F1-B7) [H00000095-M01]
 - ACY1 monoclonal antibody (M01), clone 4F1-B7. Analysis of ACY1 expression in K-562.



Immunoprecipitation: Aminoacylase/ACY1 Antibody (4F1-B7) [H00000095-M01] - Analysis of ACY1 transfected lysate using anti-ACY1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with ACY1 MaxPab rabbit polyclonal antibody.



Publications

Ataman-onal Y, Beaulieu C, Busseret S et al. Prodefensin-A6 Assay Method for The In Vitro Diagnosis of Colorectal Cancer. United States Patent Application 2015-09-10

Jansen FH, Rijswijk A, Teubel W et al. Profiling of antibody production against xenograft-released proteins by protein microarrays discovers prostate cancer markers. J Proteome Res. 2011-12-02 [PMID: 22136385]

Alessandri MG, Casarano M, Pezzini I et al. Isolated Mild Intellectual Disability Expands the Aminoacylase 1 Phenotype Spectrum. JIMD Rep 2014-07-06 [PMID: 24997716] (WB, ICC/IF, Human)

Details:

Aminoacylase 1/ ACY1 antibody used for WB (dilution 1:100) and ICC-IF on cultured skin fibroblasts from human child Mild Intellectual Disability patient and a normal control.



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to H0000095-M01

| | |
|------------------|---|
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB720-B | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-43319-0.5mg | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) |
| NBP2-14261PEP | Aminoacylase/ACY1 Recombinant Protein Antigen |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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