

# Product Datasheet

## ACP2 Antibody (M1-4A12) - Azide and BSA Free H00000053-M01

Unit Size: 0.1 mg

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

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**H00000053-M01**

ACP2 Antibody (M1-4A12) - Azide and BSA Free

Product Information	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	M1-4A12
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2b Lambda
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4
Product Description	
<b>Description</b>	Quality control test: Antibody Reactive Against Recombinant Protein.
<b>Host</b>	Mouse
<b>Gene ID</b>	53
<b>Gene Symbol</b>	ACP2
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	ACP2 - acid phosphatase 2, lysosomal
<b>Immunogen</b>	ACP2 (AAH03160, 1 a.a. ~ 423 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MAGKRSGWSRAALLQLLLGVNLVVMPPPTQARSLRFVTLLYRHGDRSPVKTYPKDPYQEEEWPPQGFQGLTKEGMLQHWELGQALRQRYHGFLNTSYHRQEVYVRSTDFDRTLMSAEANLAGLFPNGMQRFPNPISWQPIPVHTVPITEDRLLKFPLGPCPRYEQLQNETRQTPEYQNESSRNAQFLDMVANETGLTDLTLETVWNVYDTLFCEQTHGLRLPPWASPQTMQRLSRLKDFSFRFLFGIYQQA EKARLQGGVLLAQIRKNLTLMATTSQLPKLLVYSAHDTTLVALQMALDVYNGEQAPYASCHIFELYQEDSGNFSVEMYFRNESDKAPWPLSLPGCPHRCPLQDFLRLTEPVVPKDWQ QECQLASGPADTEVIVALAVCGSILFLLIVLLLTVLFRMQAQP PGYRHVADGED HA
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Knockdown Validated
<b>Application Notes</b>	Antibody reactivity against recombinant protein for WB. It has been used for IF, IHC-P, RNAi Validation and ELISA.

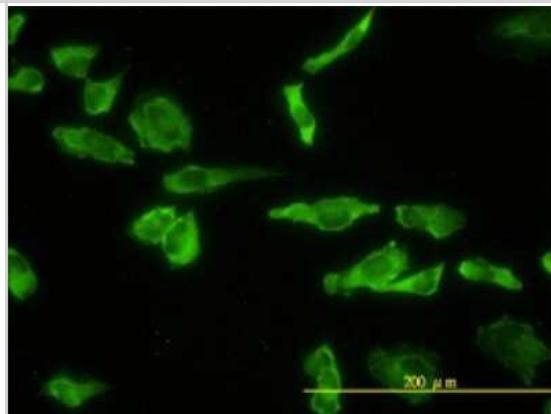


## Images

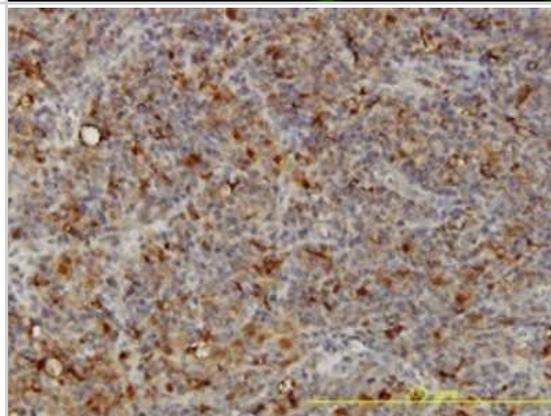
Western Blot: ACP2 Antibody (M1-4A12) [H00000053-M01] - Analysis of ACP2 expression in transfected 293T cell line by ACP2 monoclonal antibody (M01), clone M1-4A12. Lane 1: ACP2 transfected lysate(48.3 KDa). Lane 2: Non-transfected lysate.



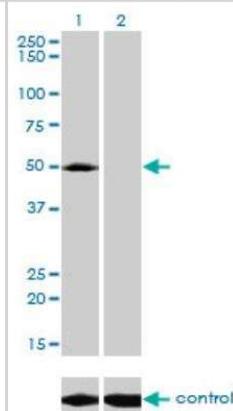
Immunocytochemistry/Immunofluorescence: ACP2 Antibody (M1-4A12) [H00000053-M01] - Analysis of monoclonal antibody to ACP2 on HeLa cell. Antibody concentration 10 ug/ml.



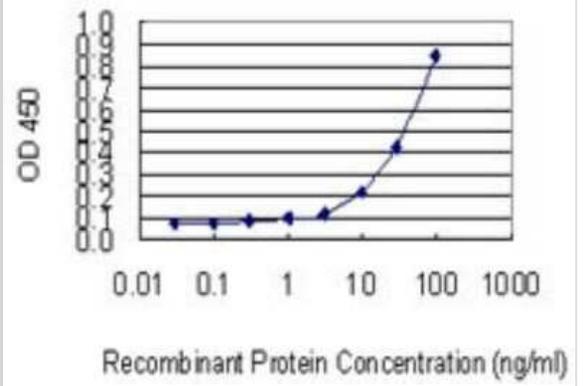
Immunohistochemistry-Paraffin: ACP2 Antibody (M1-4A12) [H00000053-M01] - Analysis of monoclonal antibody to ACP2 on formalin-fixed paraffin-embedded human lymphoma tissue. Antibody concentration 5 ug/ml.



Western Blot: ACP2 Antibody (M1-4A12) [H00000053-M01] - ACP2 over-expressed 293 cell line. Lane 2 cotransfected with ACP2 Validated Chimera RNAi . Lane 1 non-transfected control. Blot probed with H00000053-M01. GAPDH (36.1 kDa) used as loading control.



ELISA: ACP2 Antibody (M1-4A12) [H00000053-M01] - Detection limit for recombinant GST tagged ACP2 is 1 ng/ml as a capture antibody.





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### **Products Related to H0000053-M01**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-51966-0.1mg	Recombinant Human ACP2 His Protein
7754-BH-005/CF	TGF-beta 1 [Unconjugated]

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### **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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