

Product Datasheet

Histidase Antibody (4F2) - Azide and BSA Free H00003034-M04

Unit Size: 0.1 mg

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

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Publications: 3

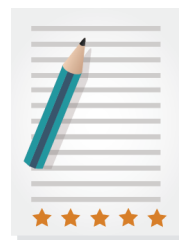
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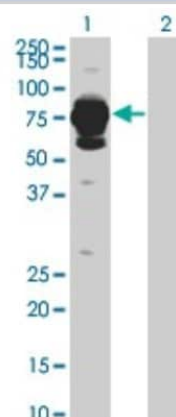
H00003034-M04

Histidase Antibody (4F2) - Azide and BSA Free

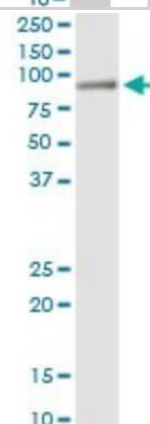
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4F2
Preservative	No Preservative
Isotype	IgG2a 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	3034
Gene Symbol	HAL
Species	Human, Mouse
Specificity/Sensitivity	HAL (4F2)
Immunogen	HAL (NP_002099, 558 a.a. ~ 657 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. LAACQGIEFLRPLKTTTTPLEKVYDLVRSVVRPWIKDRFMAPDIEAAHRLLEQKV WEVAAPYIEKYRMEHIPESRPLSPTAFSLQFLHKKSTKIPESDL
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, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin
Application Notes	Antibody reactivity against transfected lysate and recombinant protein for WB. It has been used for ELISA.

Images

Western Blot: Histidase Antibody (4F2) [H00003034-M04] - Analysis of HAL expression in transfected 293T cell line by HAL monoclonal antibody (M04), clone 4F2. Lane 1: HAL transfected lysate (72.698 KDa). Lane 2: Non-transfected lysate.



Immunoprecipitation: Histidase Antibody (4F2) [H00003034-M04] - Analysis of HAL transfected lysate using anti-HAL monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with HAL rabbit polyclonal antibody.



Publications

Zhu H, Wang N, Yao L et al. Moderate UV Exposure Enhances Learning and Memory by Promoting a Novel Glutamate Biosynthetic Pathway in the Brain. Cell 2018-05-17 [PMID: 29779945]

Eckhart L, Schmidt M, Mildner M et al. Histidase expression in human epidermal keratinocytes: Regulation by differentiation status and all-trans retinoic acid. J Dermatol Sci. 2008-02-14 [PMID: 18280705]

Barresi C, Stremnitzer C, Mlitz V et al. Increased Sensitivity of Histidinemic Mice to UVB Radiation Suggests a Crucial Role of Endogenous Urocanic Acid in Photoprotection. J Invest Dermatol. 2010-08-05 [PMID: 20686493]



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Products Related to H00003034-M04

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP1-89694PEP	Histidase 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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