

Product Datasheet

Cathepsin D Antibody (3F12-1B9) - Azide and BSA Free H00001509-M01

Unit Size: 0.1 mg

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

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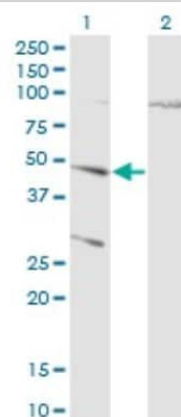
H00001509-M01

Cathepsin D Antibody (3F12-1B9) - Azide and BSA Free

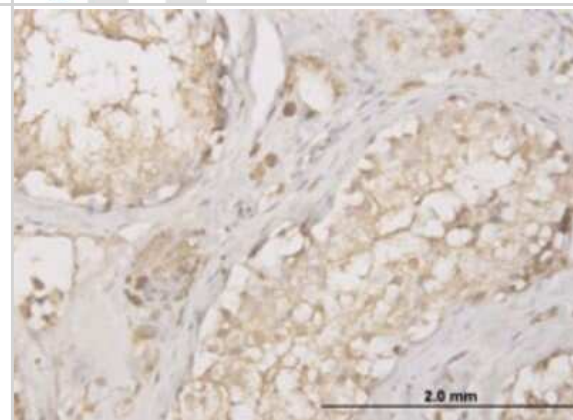
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3F12-1B9
Preservative	No Preservative
Isotype	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	1509
Gene Symbol	CTSD
Species	Human
Marker	Lysosomes Marker
Specificity/Sensitivity	CTSD - cathepsin D (lysosomal aspartyl protease)
Immunogen	CTSD (AAH16320, 26 a.a. ~ 412 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. LHKFTSIRRTMSEVGGSVEDLIAKGPVSKYSQAVPAVTEGPIPEVLKNYMDAQY YGEIGIGTTPQCFTVVFDTGSSNLWVPSIHCKLLDIACWIIHHKYNSDKSSTYVKN GTSFDIHYGSGSLSGYLSQDTVSVPCQSASSASALGGVKVERQVFGEATKQP GITFIAAKFDGILGMAYPRISVNNVLPVFDNLMQQKLVDQNIFFYLSRDPDAQP GGELMLGGTDSKYYKGSLSYLVNTRKAYWQVHLDQVEVASGLTLCKEGCEAI VDTGTSLMVGVPDEVRELQKAIGAVPLIQGEYMIPCEKVSTLPAILKLGKGYK LSPEDYTLKVSQAGKTLCLSGFMGMDIPPPSGPLWILGDVFIGRYTTFDRDNN RVGF AEAARL
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	Antibody reactivity against recombinant protein for WB. It has been used for IHC-P and ELISA.

Images

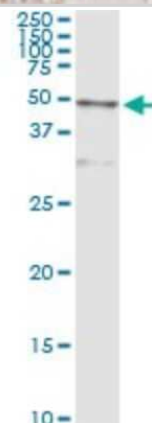
Western Blot: Cathepsin D Antibody (3F12-1B9) [H00001509-M01] - Analysis of CTSD expression in transfected 293T cell line by CTSD monoclonal antibody (M01), clone 3F12-1B9. Lane 1: CTSD transfected lysate (Predicted MW: 44.6 KDa). Lane 2: Non-transfected lysate.



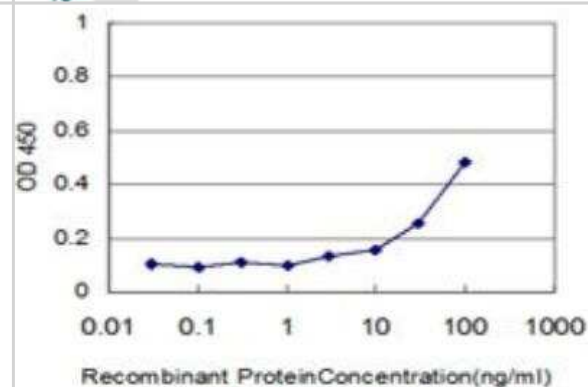
Immunohistochemistry-Paraffin: Cathepsin D Antibody (3F12-1B9) [H00001509-M01] - Analysis of monoclonal antibody to CTSD on formalin-fixed paraffin-embedded human testis. Antibody concentration 1.5 ug/ml.



Immunoprecipitation: Cathepsin D Antibody (3F12-1B9) [H00001509-M01] - Analysis of CTSD transfected lysate using anti-CTSD monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with CTSD MaxPab rabbit polyclonal antibody.



ELISA: Cathepsin D Antibody (3F12-1B9) [H00001509-M01] - Detection limit for recombinant GST tagged CTSD is approximately 3ng/ml as a capture antibody.



Publications

Kam SY, Hennessy T, Chua SC et al. Characterization of the Human Gastric Fluid Proteome Reveals Distinct pH-Dependent Protein Profiles: Implications for Biomarker Studies. J Proteome Res. 2011-08-15 [PMID: 21842849]



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Products Related to H00001509-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)
NBP1-85562PEP	Cathepsin D 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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