

Product Datasheet

Cathepsin K Antibody (2F1) - Azide and BSA Free H00001513-M01

Unit Size: 0.1 mg

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

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H00001513-M01

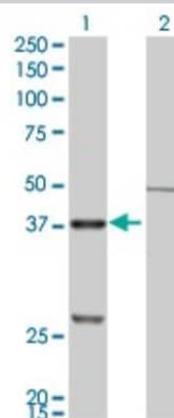
Cathepsin K Antibody (2F1) - Azide and BSA Free

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	2F1
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	1513
Gene Symbol	CTSK
Species	Human
Specificity/Sensitivity	CTSK (2F1)
Immunogen	CTSK (AAH16058, 220 a.a. ~ 329 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. KCRGYREIPEGNEKALKRAVARVGPVSVDAIDASLTSFQFYSKGVYYDESCNSD NLNHAVLAVGYGIQKGNKHWIINKSWGENWGNKGYILMARNKNNACGIANLAS FPKM
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
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 10 ug/ml, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	Antibody reactivity against transfected lysate and recombinant protein for WB. It has been used for IHC-P and ELISA.

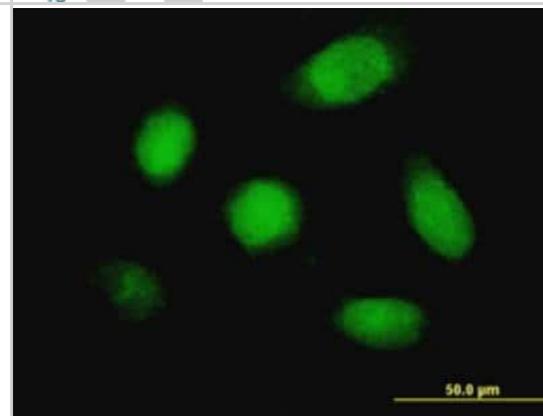


Images

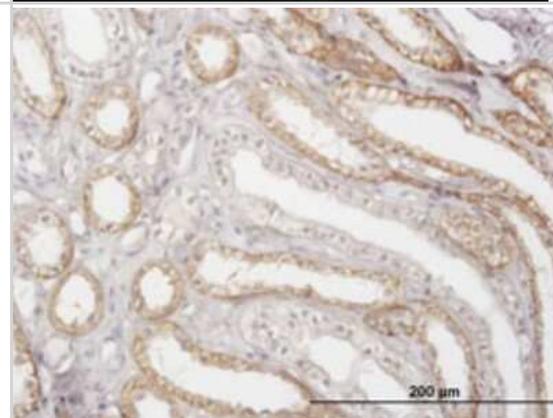
Western Blot: Cathepsin K Antibody (2F1) [H00001513-M01] - Analysis of CTSK expression in transfected 293T cell line by CTSK monoclonal antibody (M01), clone 2F1. Lane 1: CTSK transfected lysate(37 KDa). Lane 2: Non-transfected lysate.



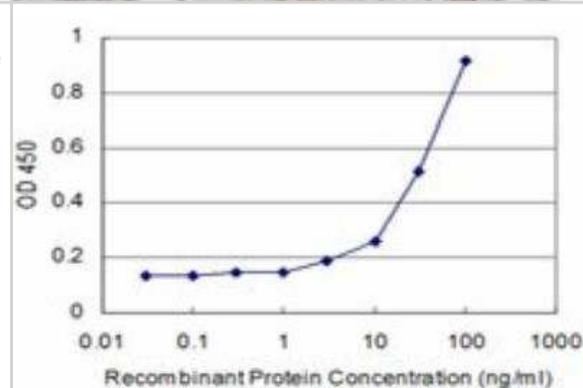
Immunocytochemistry/Immunofluorescence: Cathepsin K Antibody (2F1) [H00001513-M01] - HeLa cell.



Immunohistochemistry-Paraffin: Cathepsin K Antibody (2F1) [H00001513-M01] - Analysis of monoclonal antibody to CTSK on formalin-fixed paraffin-embedded human kidney. Antibody concentration 3 ug/ml.



ELISA: Cathepsin K Antibody (2F1) [H00001513-M01] - Detection limit for recombinant GST tagged CTSK is approximately 3ng/ml as a capture antibody.



Publications

Cordes C, Bartling B, Simm A et al. Simultaneous expression of Cathepsins B K in pulmonary adenocarcinomas squamous cell carcinomas predicts poor recurrence-free overall survival. Lung Cancer;64(1):79-85. 2009-04-01 [PMID: 18760860]



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Products Related to H00001513-M01

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)
NBP2-58351PEP	Cathepsin K 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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