

Product Datasheet

HERPUD1 Antibody (2G7) - Azide and BSA Free H00009709-M04

Unit Size: 0.1 mg

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

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H00009709-M04

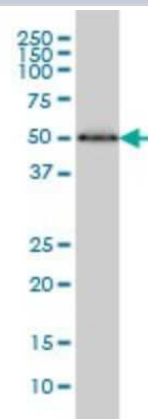
HERPUD1 Antibody (2G7) - Azide and BSA Free

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	2G7
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Host	Mouse
Gene ID	9709
Gene Symbol	HERPUD1
Species	Human
Specificity/Sensitivity	HERPUD1 - homocysteine-inducible, endoplasmic reticulum stress-inducible, ubiquitin-like domain member 1
Immunogen	HERPUD1 (NP_055500, 74 a.a. ~ 180 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. PKQEKRHVLHLVCNVKSPSKMPEINAKVAESTEEPAGSNRGQYPEDSSSDGL RQREVLRLNLSSPGWENISRPEAAQQAQFQGLGPGFSGYTPYGWLQLSWFQQIY ARQ
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 reactive against cell lysate and recombinant protein for Western Blot. Has also been used for immunohistochemistry (paraffin) and ELISA.

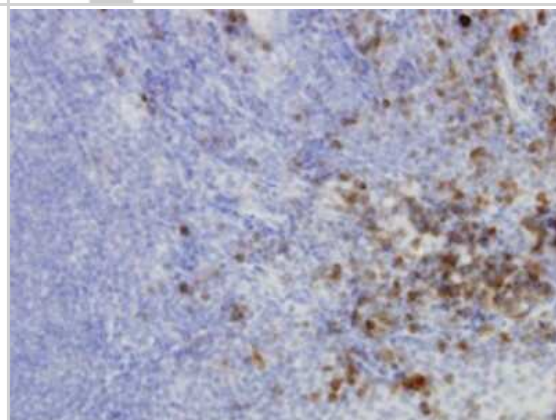


Images

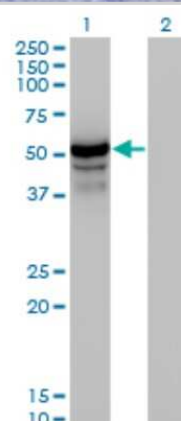
Western Blot: HERPUD1 Antibody (2G7) [H00009709-M04] - Analysis of HERPUD1 expression in HepG2 (Cat # L019V1).



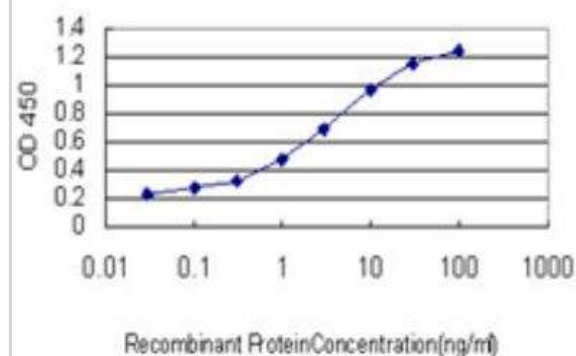
Immunohistochemistry-Paraffin: HERPUD1 Antibody (2G7) [H00009709-M04] - Analysis of monoclonal antibody to HERPUD1 on formalin-fixed paraffin-embedded human tonsil. Antibody concentration 3 ug/ml



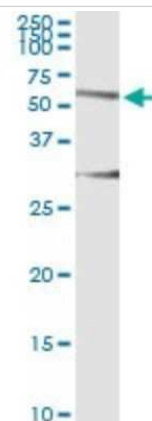
Western Blot: HERPUD1 Antibody (2G7) [H00009709-M04] - Analysis of HERPUD1 expression in transfected 293T cell line by HERPUD1 monoclonal antibody (M04), clone 2G7. Lane 1: HERPUD1 transfected lysate. Lane 2: Non-transfected lysate.



ELISA: HERPUD1 Antibody (2G7) [H00009709-M04] - Detection limit for recombinant GST tagged HERPUD1 is approximately 0.1ng/ml as a capture antibody.



Immunoprecipitation: HERPUD1 Antibody (2G7) [H00009709-M04] - Analysis of HERPUD1 transfected lysate using anti-HERPUD1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with HERPUD1 rabbit polyclonal antibody.



Publications

Wang Y, Wan B, Li D et al. BRSK2 is regulated by ER stress in protein level and involved in ER stress-induced apoptosis. *Biochem Biophys Res Commun*. 2012-06-16 [PMID: 22713462]

Song L, Ma L, Cong F et al. Radioprotective effects of genistein on HL-7702 cells via the inhibition of apoptosis and DNA damage. *Cancer Lett* 2015-06-18 [PMID: 26095601]

Lass A, Kujawa M, McConnell E et al. Decreased ER-associated degradation of γ -TCR induced by Grp78 depletion with the SubAB cytotoxin. *Int J Biochem Cell Biol*;40(12):2865-79. 2008-01-01 [PMID: 18611445]



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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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