

# 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**

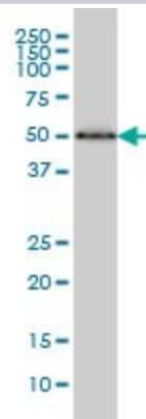
HERPUD1 Antibody (2G7) - Azide and BSA Free

<b>Product Information</b>	
<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>	2G7
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2a Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse HERPUD1 Antibody (2G7) - Azide and BSA Free (H00009709-M04) is a monoclonal antibody validated for use in IHC, WB, ELISA, ICC/IF and IP. Anti-HERPUD1 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	9709
<b>Gene Symbol</b>	HERPUD1
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	HERPUD1 - homocysteine-inducible, endoplasmic reticulum stress-inducible, ubiquitin-like domain member 1
<b>Immunogen</b>	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 RQREVLRLNLSSPGWENISRPEAAQQAFQGLGPGFSGYTPYGWLQLSWFQQIY ARQ
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin
<b>Application Notes</b>	Antibody reactive against cell lysate and recombinant protein for Western Blot. Has also been used for immunohistochemistry (paraffin) and ELISA.

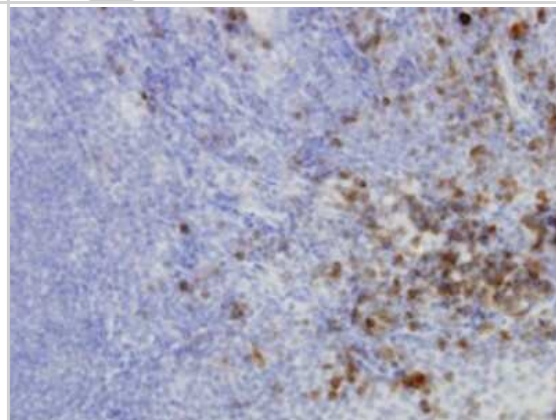


## Images

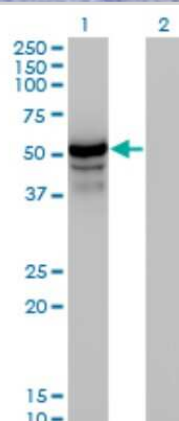
Western Blot: HERPUD1 Antibody (2G7) [H00009709-M04] - Analysis of HERPUD1 expression in HepG2 (Cat # L019V1).



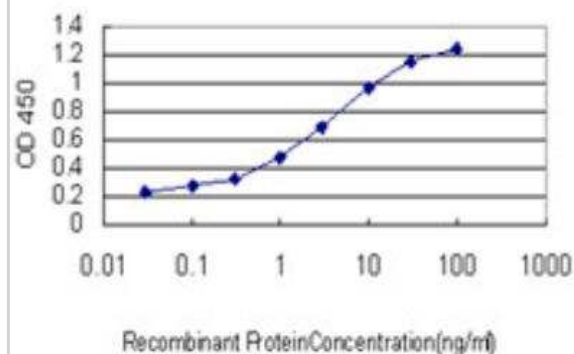
Immunohistochemistry-Paraffin: HERPUD1 Antibody (2G7) [H00009709-M04] - Analysis of monoclonal antibody to HERPUD1 on formalin-fixed paraffin-embedded human tonsil. Antibody concentration 3 ug/ml



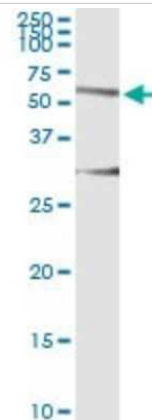
Western Blot: HERPUD1 Antibody (2G7) [H00009709-M04] - Analysis of HERPUD1 expression in transfected 293T cell line by HERPUD1 monoclonal antibody (M04), clone 2G7. Lane 1: HERPUD1 transfected lysate (44 KDa). Lane 2: Non-transfected lysate.



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

Giroud, J;Delvaux, P;Carlier, L;De Schutter, C;Martin, N;Rouget, R;Bolouki, A;De Glas, V;Bouriez, I;Bourdoux, F;Burteau, S;Théry, J;Decanter, G;Penel, N;de Launoit, Y;Ledoux, B;Abbadie, C;Poumay, Y;Pluquet, O;Debacq-Chainiaux, F; Targeting ATF6? Attenuates UVB-Induced Senescence and Improves Skin Homeostasis by Regulating IL8 Expression Aging cell 2025-04-16 [PMID: 40241256]

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  $\gamma$ -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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### **Products Related to H00009709-M04**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)

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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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