

# Product Datasheet

## IMPDH1 Antibody (3G6) - Azide and BSA Free H00003614-M01

Unit Size: 0.1 mg

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

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**H00003614-M01****IMPDH1 Antibody (3G6) - Azide and BSA Free**

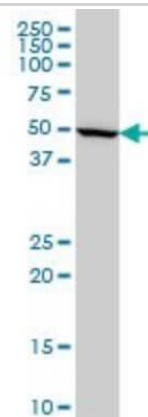
<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	3G6
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Product Description</b>	
<b>Description</b>	Quality control test: Antibody Reactive Against Recombinant Protein.
<b>Host</b>	Mouse
<b>Gene ID</b>	3614
<b>Gene Symbol</b>	IMPDH1
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	IMPDH1 - IMP (inosine monophosphate) dehydrogenase 1
<b>Immunogen</b>	IMPDH1 (NP_000874, 201 a.a. ~ 300 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. TDPVVLSPSHTVGDVLEAKMRHGFSGIPITETGTMGSKLVGIVTSRDIDFLAEKD HTLLSEVMTPRIELVVAPAGVTLKEANEILQRSKKGKLPVNDK
<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, ELISA
<b>Recommended Dilutions</b>	Western Blot, ELISA
<b>Application Notes</b>	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for ELISA.

## Images

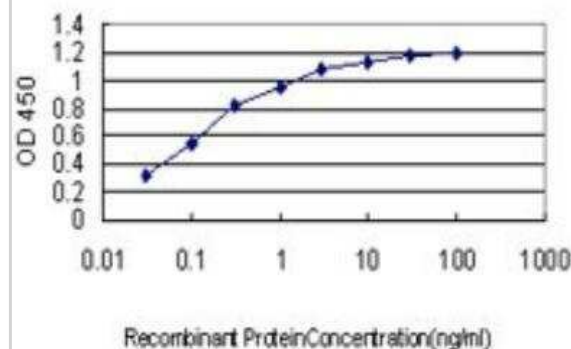
Western Blot: IMPDH1 Antibody (3G6) [H00003614-M01] - IMPDH1 monoclonal antibody (M01), clone 3G6. Western Blot analysis of IMPDH1 expression in HeLa [L013V1].



Western Blot: IMPDH1 Antibody (3G6) [H00003614-M01] - IMPDH1 monoclonal antibody (M01), clone 3G6 Analysis of IMPDH1 expression in Hela S3 NE.



ELISA: IMPDH1 Antibody (3G6) [H00003614-M01] - Detection limit for recombinant GST tagged IMPDH1 is approximately 0.03ng/ml as a capture antibody.



## Publications

Batovska DI, Kim DH, Mitsuhashi S et al. Hydroxamic acid derivatives of mycophenolic acid inhibit histone deacetylase at the cellular level. *Biosci Biotechnol Biochem*. 2008-10-07 [PMID: 18838793]

Ouchida M, Kanzaki H, Ito S et al. Novel direct targets of miR-19a identified in breast cancer cells by a quantitative proteomic approach. *PLoS One*. 2012-01-01 [PMID: 22952885] (WB, Human)

Zhang L, Iyer J, Chowdhury A et al. KIBRA regulates aurora kinase activity and is required for precise chromosome alignment during mitosis. *J Biol Chem*. 2012-10-05 [PMID: 22904328] (WB, Human)



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### Products Related to H00003614-M01

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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)
8904-DH-050	IMPDH1 [Unconjugated]

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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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