

# Product Datasheet

## ADAM12 Antibody (1G3) - Azide and BSA Free H00008038-M01

Unit Size: 0.1 mg

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

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**H00008038-M01**

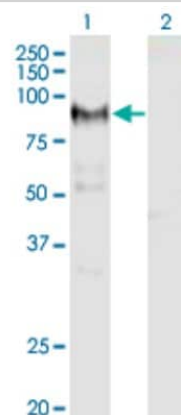
ADAM12 Antibody (1G3) - Azide and BSA Free

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	1G3
Preservative	No Preservative
Isotype	IgG3 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	8038
Gene Symbol	ADAM12
Species	Human
Specificity/Sensitivity	ADAM12 - ADAM metallopeptidase domain 12 (meltrin alpha)
Immunogen	ADAM12 (NP_003465, 208 a.a. ~ 304 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. ETLKATKYVELVIVADNREFQRQGDLEKVKQRLIEIANHVDKFYRPLNIRIVLVG VEVWNDMDKCSVSQDPFTSLHEFLDWRKMKLLPRKSHDNAQ
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot, ELISA
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control.

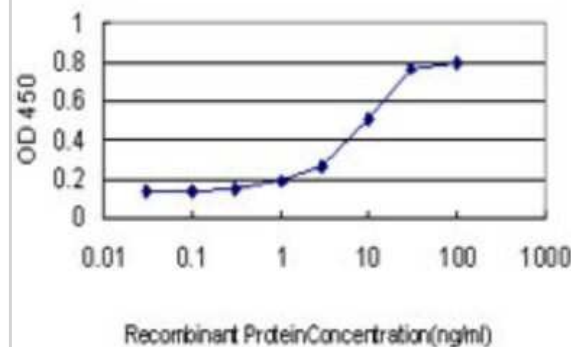


## Images

Western Blot: ADAM12 Antibody (1G3) [H00008038-M01] - Analysis of ADAM12 expression in transfected 293T cell line by ADAM12 monoclonal antibody (M01), clone 1G3. Lane 1: ADAM12 transfected lysate (Predicted MW: 80.4 KDa). Lane 2: Non-transfected lysate.



ELISA: ADAM12 Antibody (1G3) [H00008038-M01] - Detection limit for recombinant GST tagged ADAM12 is approximately 0.3ng/ml as a capture antibody.



## Publications

Zhou Z, Ran YL, Hu H et al. TM4SF3 promotes esophageal carcinoma metastasis via upregulating ADAM12m expression. Clin Exp Metastasis;25(5):537-48. 2008-01-01 [PMID: 18365756]



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### **Products Related to H00008038-M01**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96978	Mouse IgG3 Kappa Light Chain Isotype Control (MG3K)
NBP2-33939PEP	ADAM12 Recombinant Protein Antigen

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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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