

# Product Datasheet

## Gastrokine 1 Antibody (2E5) - Azide and BSA Free H00056287-M01

Unit Size: 0.1 mg

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

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**H00056287-M01**

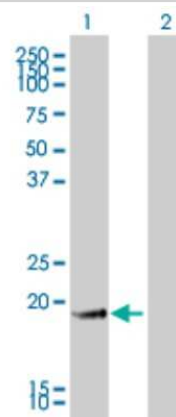
Gastrokine 1 Antibody (2E5) - Azide and BSA Free

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	2E5
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Host	Mouse
Gene ID	56287
Gene Symbol	GKN1
Species	Human
Reactivity Notes	Human. Other species not tested.
Specificity/Sensitivity	GKN1 - gastrokine 1
Immunogen	GKN1 (AAH59778, 21 a.a. ~ 185 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. NYNINVNDDNNNAGSGQQSVSVNNEHNVANVDNNNGWDSWNSIWDYGNF AATRLFQKKTCIVHKMNKEVMPSIQSLDALVKEKKLQGKGPGGPPPKGLMYSV NPNKVDDLKFGKNIANMCRGIPTYMAEEMQEASLFFYSGTCYTTSVLWIVDIS FCGDTVEN
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Sandwich ELISA
Application Notes	Antibody reactive against transfected lysate and recombinant protein for western blot. It has also been used for ELISA.

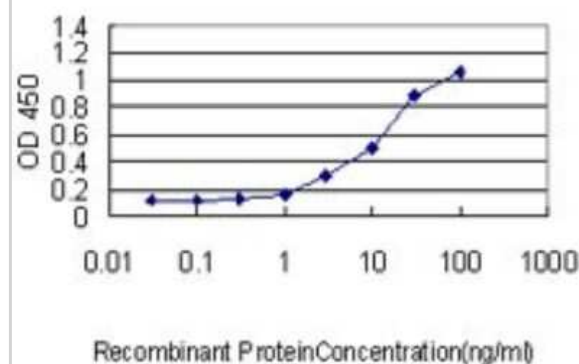


## Images

Western Blot: Gastroke 1 Antibody (2E5) [H00056287-M01] - Analysis of GKN1 expression in transfected 293T cell line by GKN1 monoclonal antibody (M01), clone 2E5. Lane 1: GKN1 transfected lysate(20 KDa). Lane 2: Non-transfected lysate.



Sandwich ELISA: Gastroke 1 Antibody (2E5) [H00056287-M01] - Detection limit for recombinant GST tagged GKN1 is approximately 0.1ng/ml as a capture antibody.



## Publications

Rippa E, La Monica G, Allocca R et al. Overexpression of gastroke 1 in gastric cancer cells induces Fas-mediated apoptosis J Cell Physiol 2011-10-13 [PMID: 21792914]

Stella C, Faraonio R, Federico A et al. GKN1 expression in gastric cancer cells is negatively regulated by miR-544a. Biochimie. 2019-09-08 [PMID: 31509760]

Alarcon-Millan J, Lorenzo-Nazario S, Jimenez-Wences H et al. Women with chronic follicular gastritis positive for Helicobacter pylori express lower levels of GKN1. Gastric Cancer. 2020-02-21 [PMID: 32086651]

Villano V, Di Stadio CS, Federico A et al. Gastroke 1 mRNA in human sera is not informative biomarker for gastric cancer. J Negat Results Biomed 2016-07-25 [PMID: 27452910]

Rippa E, La Monica G, Allocca R et al. Overexpression of gastroke 1 in gastric cancer cells induces fas-mediated apoptosis. J Cell Physiol. 2010-12-28 [PMID: 21190249]

Kam SY, Hennessy T, Chua SC et al. Characterization of the Human Gastric Fluid Proteome Reveals Distinct pH-Dependent Protein Profiles: Implications for Biomarker Studies. J Proteome Res. 2011-08-15 [PMID: 21842849]

Mao W, Chen J, Peng TL et al. Downregulation of gastroke-1 in gastric cancer tissues and restoration of its expression induced gastric cancer cells to apoptosis. J Exp Clin Cancer Res. 2012-05-23 [PMID: 22621392]

Mao W, Chen J, Peng TL et al. Helicobacter pylori infection and administration of non-steroidal anti-inflammatory drugs down-regulate the expression of gastroke-1 in gastric mucosa. Turk J Gastroenterol. 2012-06-01 [PMID: 22798109]

Altieri F, Di Stadio CS, Severino V et al. Anti-amyloidogenic property of human gastroke 1. Biochimie. 2014-08-17 [PMID: 25139219]



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### **Products Related to H00056287-M01**

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)
NBP2-23071	Recombinant Human GASTROKINE 1 His Protein

### **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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