

# Product Datasheet

## HGS Antibody (6D11) - Azide and BSA Free H00009146-M01

Unit Size: 0.1 mg

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

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### Publications: 2

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**H00009146-M01**

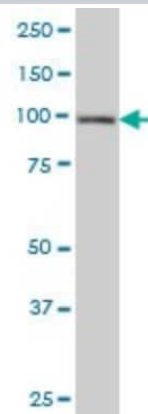
HGS Antibody (6D11) - Azide and BSA Free

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	6D11
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Novus Biologicals Mouse HGS Antibody (6D11) - Azide and BSA Free (H00009146-M01) is a monoclonal antibody validated for use in WB, ELISA, Flow and ICC/IF. Anti-HGS Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	9146
Gene Symbol	HGS
Species	Human, Mouse
Reactivity Notes	Other species not tested.
Specificity/Sensitivity	HGS - hepatocyte growth factor-regulated tyrosine kinase substrate
Immunogen	HGS (AAH03565, 513 a.a. ~ 612 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. KLEIMRQKKQEYLEVQRQLAIQRLQEKEKERQMRLEQQKQTVQMRAQMPAFP LPYAQLQAMPAAGGVLYQPSGPASFPSTFSPAGSVEGSPMHGVYMSQP
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA, Knockdown Validated
Recommended Dilutions	Western Blot 1:500, Flow Cytometry, ELISA 1:100-1:2000, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Sandwich ELISA, Knockdown Validated
Application Notes	Antibody reactive against cell lysate and recombinant protein for Western Blot. Has also been used for immunofluorescence, RNAi validation and ELISA.

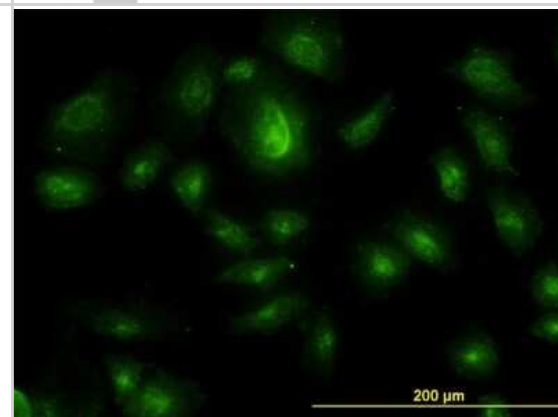


## Images

Western Blot: HGS Antibody (6D11) [H00009146-M01] - HGS monoclonal antibody (M01), clone 6D11 Analysis of HGS expression in K-562.



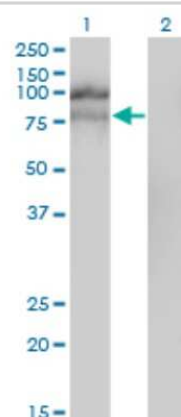
Immunocytochemistry/Immunofluorescence: HGS Antibody (6D11) [H00009146-M01] - Analysis of monoclonal antibody to HGS on HeLa cell. Antibody concentration 10 ug/ml.



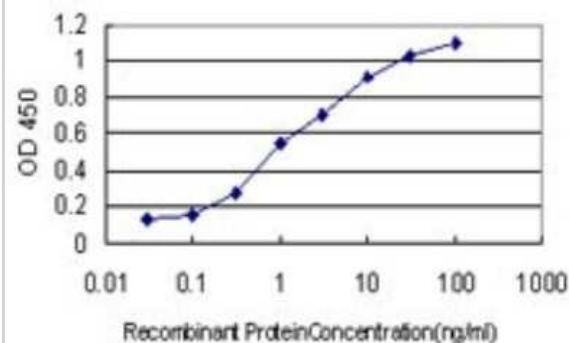
Western Blot: HGS Antibody (6D11) [H00009146-M01] - Analysis of HGS over-expressed 293 cell line, cotransfected with HGS Validated Chimera RNAi ( Cat # H00009146-R01V ) (Lane 2) or non-transfected control (Lane 1). Blot probed with HGS monoclonal antibody (M01), clone 6D11 (Cat # H00009146-M01 ). GAPDH ( 36.1 kDa ) used as specificity and loading control.



Western Blot: HGS Antibody (6D11) [H00009146-M01] - Analysis of HGS expression in transfected 293T cell line by HGS monoclonal antibody (M01), clone 6D11. Lane 1: HGS transfected lysate(86.2 KDa). Lane 2: Non-transfected lysate.



Sandwich ELISA: HGS Antibody (6D11) [H00009146-M01] - Detection limit for recombinant GST tagged HGS is approximately 0.03ng/ml as a capture antibody.



## Publications

Shao X, Liu Y, Yu Q et al. Numb regulates vesicular docking for homotypic fusion of early endosomes via membrane recruitment of Mon1b. *Cell Res.* 2016-03-18 [PMID: 26987402]

### Details:

SOD1/Cu-Zn SOD antibody (clone 6F5) was used for WB analysis of lysates from liver tissues of goldfish (*Carassius auratus*) subjected or not to melatonin injections or green-wavelength LED light (Fig. 4).

McLeod IX, Zhou X, Li QJ et al. The Class III Kinase Vps34 Promotes T Lymphocyte Survival through Regulating IL-7Ralpha Surface Expression. *J Immunol.* 2011-10-21 [PMID: 22021616]



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### **Products Related to H00009146-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)
H00009146-P01-10ug	Recombinant Human HGS GST (N-Term) 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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