



Datasheet for ABIN563958
anti-HGS antibody (AA 513-612)



[Go to Product page](#)

6 Images

1 Publication

Overview

Quantity:	100 µg
Target:	HGS
Binding Specificity:	AA 513-612
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HGS antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), RNA Interference (RNAi)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant HGS.
Immunogen:	HGS (AAH03565, 513 a.a. ~ 612 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	KLEIMRQKKQ EYLEVQRQLA IQRLQEKE RQMRLEQQKQ TVQMRAQMPA FPLPYAQLQA MPAAGGVLYQ PSGPASFPST FSPAGSVEGS PMHGVYMSQP
Clone:	6D11
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	HGS
Alternative Name:	HGS (HGS Products)
Background:	Full Gene Name: hepatocyte growth factor-regulated tyrosine kinase substrate Synonyms: HRS,ZFYVE8
Gene ID:	9146
Pathways:	EGFR Signaling Pathway , CXCR4-mediated Signaling Events , Synaptic Vesicle Exocytosis , EGFR Downregulation

Application Details

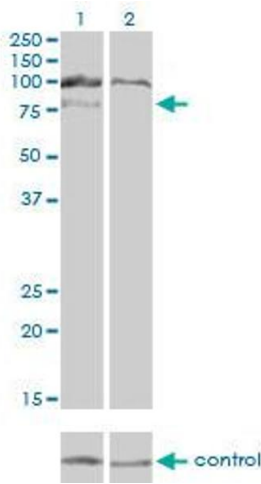
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

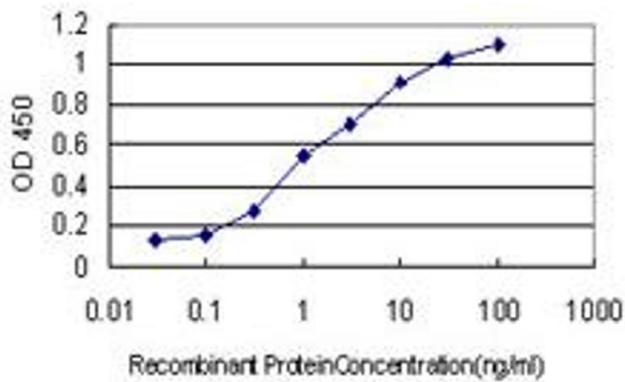
Publications

Product cited in:	McLeod, Zhou, Li, Wang, He: "The class III kinase Vps34 promotes T lymphocyte survival through regulating IL-7R? surface expression." in: Journal of immunology (Baltimore, Md. : 1950) , Vol. 187, Issue 10, pp. 5051-61, (2011) (PubMed).
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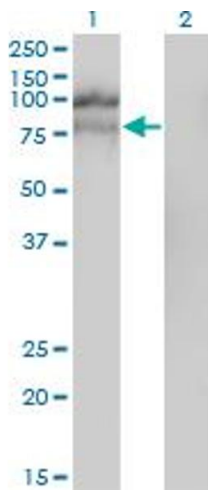
Western Blotting

Image 1. Western blot analysis of HGS over-expressed 293 cell line, cotransfected with HGS Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with HGS monoclonal antibody (M01), clone 6D11. GAPDH (36.1 kDa) used as specificity and loading control.



ELISA

Image 2. Detection limit for recombinant GST tagged HGS is approximately 0.03ng/ml as a capture antibody.



Western Blotting

Image 3. Western Blot 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.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN563958.