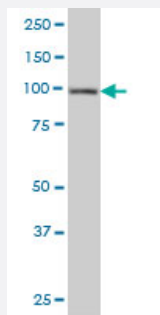


HGS monoclonal antibody (M01), clone 6D11

Catalog # H00009146-M01

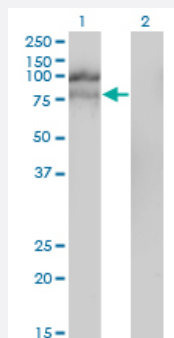
Size 100 ug

Applications



Western Blot (Cell lysate)

HGS monoclonal antibody (M01), clone 6D11 Western Blot analysis of HGS expression in K-562 (Cat # L009V1).

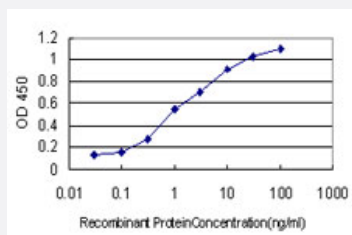


Western Blot (Transfected lysate)

Western Blot analysis of HGS expression in transfected 293T cell line by HGS monoclonal antibody (M01), clone 6D11.

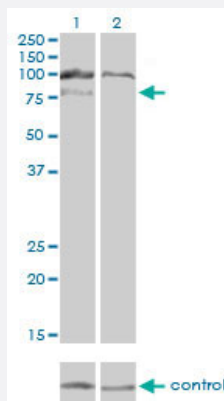
Lane 1: HGS transfected lysate(86.2 KDa).

Lane 2: Non-transfected lysate.



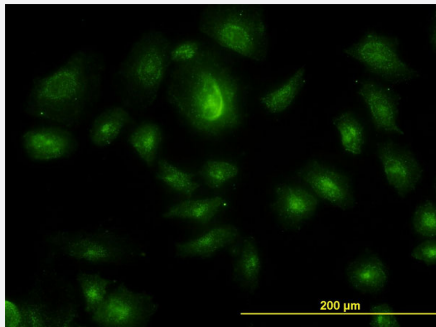
Sandwich ELISA (Recombinant protein)

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



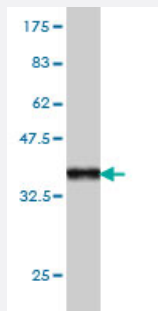
RNAi Knockdown (Antibody validated)

Western blot 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.



Immunofluorescence

Immunofluorescence of monoclonal antibody to HGS on HeLa cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description	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	KLEIMRQKKQEYLEVQRQLAIQRLQEKEKERQMRLEQQKQTVQMRAQMPAFPLPYAQLQAMPAA GGVLYQPSGPASFPSTFSPAGSVEGSPMHGVYMSQP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93); Rat (92)

Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

HGS monoclonal antibody (M01), clone 6D11 Western Blot analysis of HGS expression in K-562 (Cat # L009V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

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.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

- RNAi Knockdown (Antibody validated)

Western blot 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.

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of monoclonal antibody to HGS on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — HGS

Entrez GeneID	9146
GeneBank Accession#	BC003565
Protein Accession#	AAH03565
Gene Name	HGS
Gene Alias	HRS, ZFYVE8
Gene Description	hepatocyte growth factor-regulated tyrosine kinase substrate
Omim ID	604375
Gene Ontology	Hyperlink
Other Designations	human growth factor-regulated tyrosine kinase substrate

Publication Reference

- [The Class III Kinase Vps34 Promotes T Lymphocyte Survival through Regulating IL-7R? Surface Expression.](#)

McLeod IX, Zhou X, Li QJ, Wang F, He YW.

The Journal of Immunology 2011 Nov; 187(10):5051.

Application: IF, Flow Cyt, Mouse, T cells

Pathway

- [Endocytosis](#)

Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)