

**HGS Antibody (monoclonal) (M01)**  
**Mouse monoclonal antibody raised against a partial recombinant HGS.**  
**Catalog # AT2363a**

**Specification**

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**HGS Antibody (monoclonal) (M01) - Product Information**

|                   |                          |
|-------------------|--------------------------|
| Application       | WB, IF, E                |
| Primary Accession | <a href="#">O14964</a>   |
| Other Accession   | <a href="#">BC003565</a> |
| Reactivity        | Human                    |
| Host              | mouse                    |
| Clonality         | Monoclonal               |
| Isotype           | IgG1 Kappa               |
| Calculated MW     | 86192                    |

**HGS Antibody (monoclonal) (M01) - Additional Information**

**Gene ID** 9146

**Other Names**

Hepatocyte growth factor-regulated tyrosine kinase substrate, Hrs, Protein pp110, HGS, HRS

**Target/Specificity**

HGS (AAH03565, 513 a.a. ~ 612 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Dilution**

WB~~1:500~1000

IF~~1:50~200

E~~N/A

**Format**

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

**Storage**

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Precautions**

HGS Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

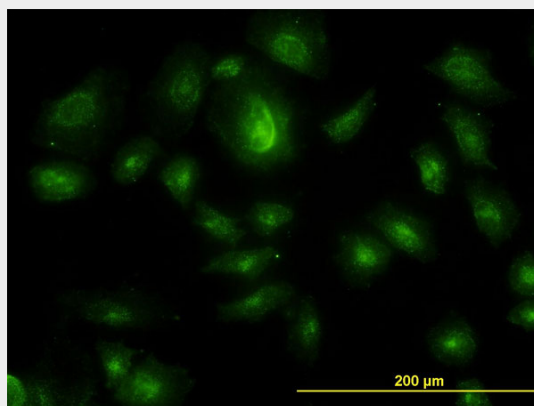
**HGS Antibody (monoclonal) (M01) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

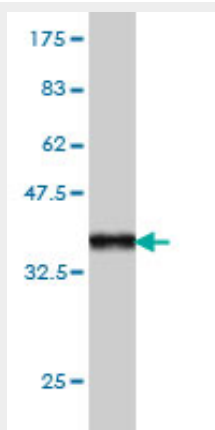
- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

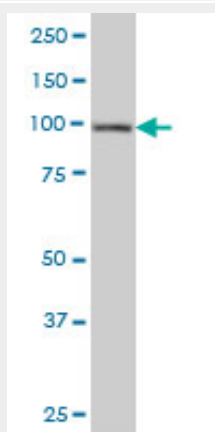
### HGS Antibody (monoclonal) (M01) - Images



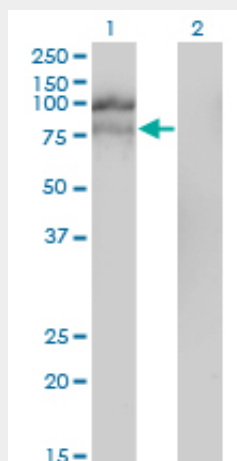
Immunofluorescence of monoclonal antibody to HGS on HeLa cell. [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .



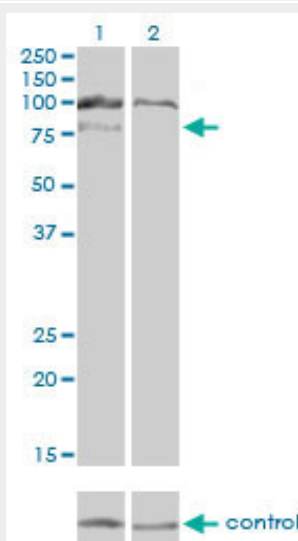
HGS monoclonal antibody (M01), clone 6D11 Western Blot analysis of HGS expression in K-562 (Cat # AT2363a )



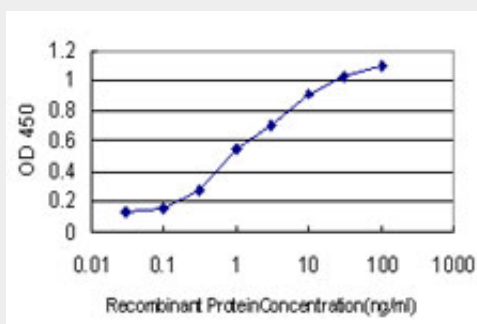
Western Blot analysis of HGS expression in transfected 293T cell line by HGS monoclonal antibody (M01), clone 6D11.

Lane 1: HGS transfected lysate(86.2 KDa).

Lane 2: Non-transfected lysate.



Western blot analysis of HGS over-expressed 293 cell line, cotransfected with HGS Validated Chimera RNAi (Cat # AT2363a )



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

antibody.

#### **HGS Antibody (monoclonal) (M01) - References**

1.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.J Immunol. 2011 Nov 15;187(10):5051-61. Epub 2011 Oct 21.