

## ARG66283 anti-HDGF antibody [SQab1746]

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody [SQab1746] recognizes HDGF
Tested Reactivity	Hu, Ms, Rat
Tested Application	ELISA, FACS, ICC/IF, IHC-P, WB
Host	Mouse
Clonality	Monoclonal
Clone	SQab1746
Isotype	IgG1
Target Name	HDGF
Species	Human
Immunogen	Recombinant Human HDGF protein.
Conjugation	Un-conjugated
Alternate Names	HMG1L2; HMG-1L2; HDGF; High mobility group protein 1-like 2; Hepatoma-derived growth factor

### Application Instructions

Application table	Application	Dilution
	ELISA	1:3000 - 1:10000
	FACS	1:400 - 1:1000
	ICC/IF	1:400 - 1:1000
	IHC-P	1:3000 - 1:10000
	WB	1:2500 - 1:5000

**Application Note** \* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

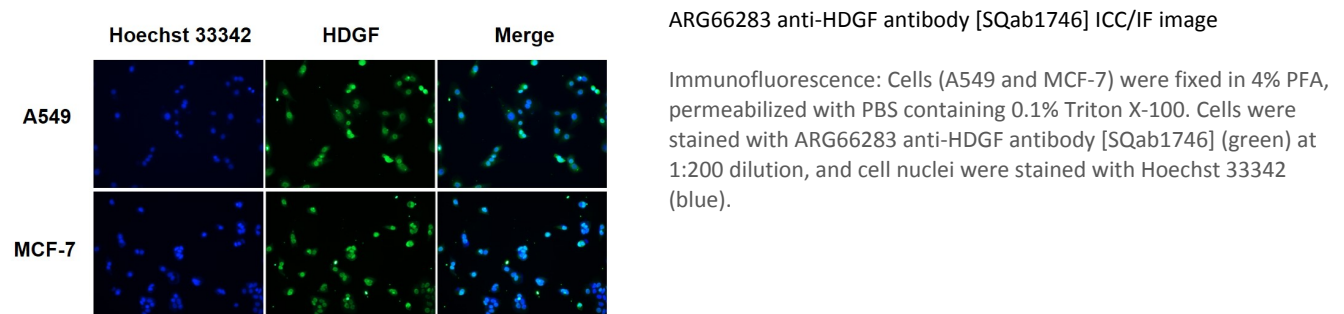
Form	Liquid
Buffer	PBS (pH 7.4) and 0.01% Thimerosal.
Preservative	0.01% Thimerosal
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

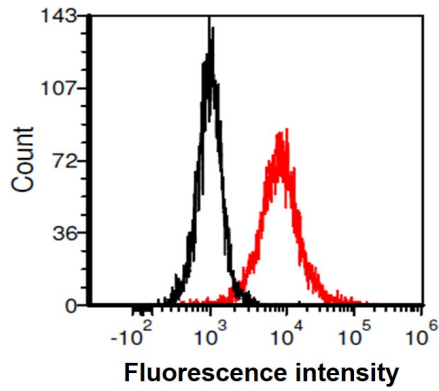
Note For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Gene Symbol	HDGF
Gene Full Name	hepatoma-derived growth factor
Background	HDGF is a member of the hepatoma-derived growth factor family. The encoded protein has mitogenic and DNA-binding activity and may play a role in cellular proliferation and differentiation. High levels of expression of this gene enhance the growth of many tumors. This gene was thought initially to be located on chromosome X; however, that location has been determined to correspond to a related pseudogene. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq, Jan 2016]
Function	HDGF Isoform 1: Acts as a transcriptional repressor (PubMed:17974029). Has mitogenic activity for fibroblasts (PubMed:11751870, PubMed:26845719). Heparin-binding protein (PubMed:15491618).  Isoform 2: Does not have mitogenic activity for fibroblasts (PubMed:26845719). Does not bind heparin (PubMed:26845719).  Isoform 3: Has mitogenic activity for fibroblasts (PubMed:26845719). Heparin-binding protein (PubMed:26845719). [UniProt]
Highlight	Related products: <a href="#">HDGF antibodies</a> ; <a href="#">HDGF ELISA Kits</a> ; <a href="#">Anti-Mouse IgG secondary antibodies</a> ; Related news: <a href="#">The most sensitive human HDGF ELISA kit</a> <a href="#">The role of HDGF in tumor angiogenesis</a>
Research Area	Cancer; Growth factor
Calculated Mw	27 kDa
PTM	Sumoylated with SUMO1. Sumoylation prevents binding to chromatin. [UniProt]

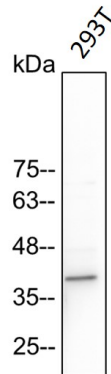
## Images





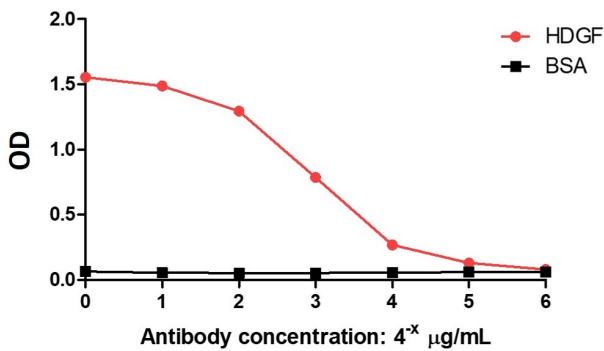
ARG66283 anti-HDGF antibody [SQab1746] FACS image

Flow Cytometry: 293T cells stained with ARG66283 anti-HDGF antibody [SQab1746] at 1 µg/ml (red) and without antibody control (black).



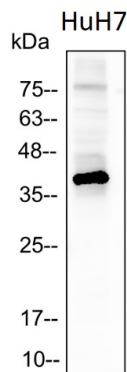
ARG66283 anti-HDGF antibody [SQab1746] WB image

Western blot: 15 µg of 293T cell lysate stained with ARG66283 anti-HDGF antibody [SQab1746] at 1:5000 dilution.



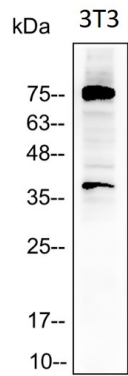
ARG66283 anti-HDGF antibody [SQab1746] ELISA image

ELISA: Titration curve of ARG66283 anti-HDGF antibody [SQab1746] in ELISA. Red: HDGF; Black: BSA (negative control).



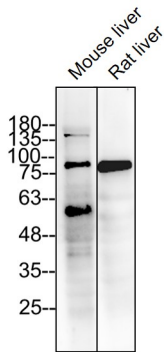
ARG66283 anti-HDGF antibody [SQab1746] WB image

Western blot: 20 µg of HuH7 cell lysate stained with ARG66283 anti-HDGF antibody [SQab1746] at 1:5000 dilution.



ARG66283 anti-HDGF antibody [SQab1746] WB image

Western blot: 20  $\mu$ g of 3T3 cell lysate stained with ARG66283 anti-HDGF antibody [SQab1746] at 1:5000 dilution.



ARG66283 anti-HDGF antibody [SQab1746] WB image

Western blot: 50  $\mu$ g Mouse liver and Rat liver lysates stained with ARG66283 anti-HDGF antibody [SQab1746] at 1:5000 dilution.