

**HHIP Antibody (monoclonal) (M01)****Mouse monoclonal antibody raised against a partial recombinant HHIP.****Catalog # AT2366a****Specification**

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

Application	WB, IHC, IP
Primary Accession	<a href="#">O96QV1</a>
Other Accession	<a href="#">NM_022475</a>
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2b Kappa
Calculated MW	78851

**HHIP Antibody (monoclonal) (M01) - Additional Information****Gene ID** 64399**Other Names**

Hedgehog-interacting protein, HHIP, HIP, HHIP, HIP

**Target/Specificity**

HHIP (NP\_071920, 21 a.a. ~ 120 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Dilution**

WB~~1:500~1000

IHC~~1:100~500

IP~~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**

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

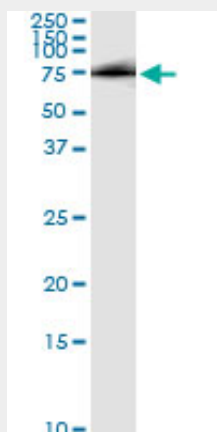
**HHIP Antibody (monoclonal) (M01) - Protocols**

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

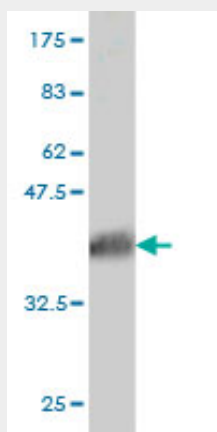
- [Western Blot](#)
- [Blocking Peptides](#)

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

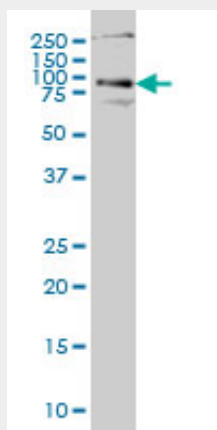
## HHIP Antibody (monoclonal) (M01) - Images



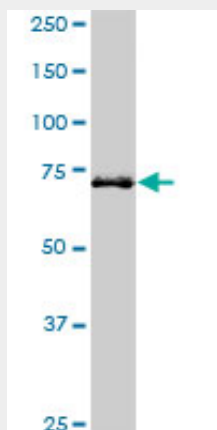
Immunoprecipitation of HHIP transfected lysate using anti-HHIP monoclonal antibody and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with HHIP MaxPab rabbit polyclonal antibody.



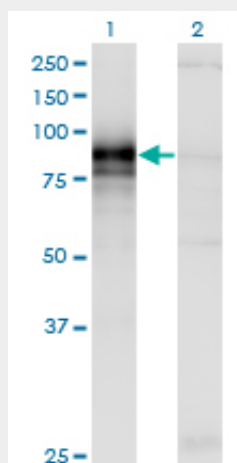
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .



HHIP monoclonal antibody (M01), clone 5D11 Western Blot analysis of HHIP expression in Hela S3 NE ( (Cat # AT2366a )



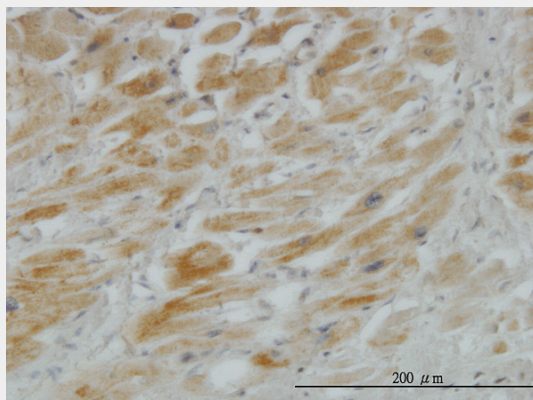
HHIP monoclonal antibody (M01), clone 5D11. Western Blot analysis of HHIP expression in MCF-7 ( (Cat # AT2366a )



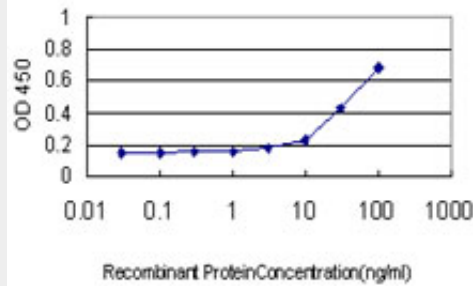
Western Blot analysis of HHIP expression in transfected 293T cell line by HHIP monoclonal antibody (M01), clone 5D11.

Lane 1: HHIP transfected lysate(78.9 KDa).

Lane 2: Non-transfected lysate.



Immunoperoxidase of monoclonal antibody to HHIP on formalin-fixed paraffin-embedded human heart. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged HHIP is approximately 1ng/ml as a capture antibody.

### **HHIP Antibody (monoclonal) (M01) - Background**

This gene encodes a protein similar to the mouse hedgehog-interacting protein, a regulatory component of the hedgehog signalling pathway. Members of the hedgehog family are evolutionarily conserved proteins which are involved in many fundamental processes in embryonic development, including anteroposterior patterns of limbs and regulation of left-right asymmetry.

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

1.Role of hedgehog signaling in malignant pleural mesothelioma. Shi Y, Moura U, Opitz I, Soltermann A, Rehrauer H, Thies S, Weder W, Stahel RA, Felley-Bosco E. Clin Cancer Res. 2012 Sep 1;18(17):4646-56. Epub 2012 Jun 25.