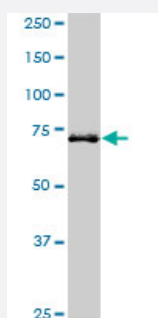


HHIP monoclonal antibody (M01), clone 5D11

Catalog # H00064399-M01

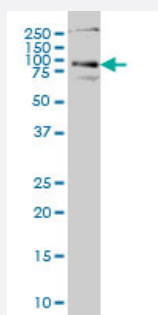
Size 100 ug

Applications



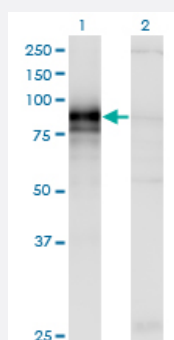
Western Blot (Cell lysate)

HHIP monoclonal antibody (M01), clone 5D11. Western Blot analysis of HHIP expression in MCF-7 (Cat # L046V1).



Western Blot (Cell lysate)

HHIP monoclonal antibody (M01), clone 5D11 Western Blot analysis of HHIP expression in HeLa S3 NE (Cat # L013V3).

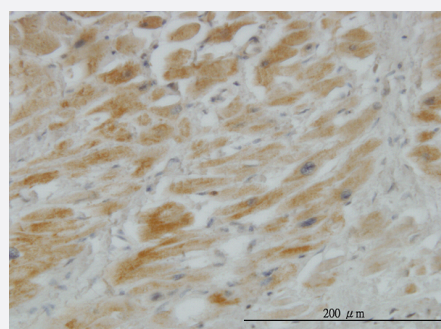


Western Blot (Transfected lysate)

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

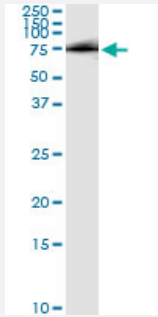
Lane 1: HHIP transfected lysate(78.9 KDa).

Lane 2: Non-transfected lysate.



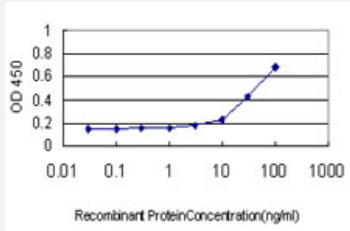
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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



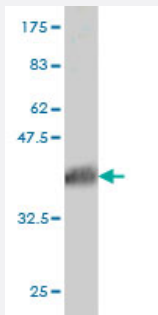
Immunoprecipitation

Immunoprecipitation of HHIP transfected lysate using anti-HHIP monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with HHIP MaxPab rabbit polyclonal antibody.



Sandwich ELISA (Recombinant protein)

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



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant HHIP.
Immunogen	HHIP (NP_071920, 21 a.a. ~ 120 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	GDAKFGERNEGSGARRRRCLNGNPPKRLKRRDRMMSQLELLSGGEMLCGGFYPRLSCCLRS DSPGLGRLENKIFSVTNNTECGKLLLEEIKCALCSPHSQ
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (94)
Isotype	IgG2b Kappa

Quality Control Testing

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

HHIP monoclonal antibody (M01), clone 5D11. Western Blot analysis of HHIP expression in MCF-7 (Cat # L046V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

HHIP monoclonal antibody (M01), clone 5D11 Western Blot analysis of HHIP expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Transfected lysate)

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.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of HHIP transfected lysate using anti-HHIP monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with HHIP MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

Gene Info — HHIP

Entrez GeneID [64399](#)

GeneBank Accession# [NM_022475](#)

Protein Accession# [NP_071920](#)

Gene Name HHIP

Gene Alias FLJ20992, FLJ90230, HIP, STQTL12

Gene Description hedgehog interacting protein

Omim ID [606178](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations hedgehog-interacting protein

Publication Reference

- [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.

Clinical Cancer Research 2012 Sep; 18(17):4646.

Application: IHC-P, Human, Human nontumoral pleural tissue and mesothelioma tumors

Pathway

- [Basal cell carcinoma](#)
- [Hedgehog signaling pathway](#)
- [Pathways in cancer](#)

Disease

- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Growth Disorders](#)
- [Lung Diseases](#)
- [Pulmonary Disease](#)
- [Tobacco Use Disorder](#)