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HHIP Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant HHIP.
Catalog # AT2366a

Product Information

Application	WB, IHC, IP, E
Primary Accession	Q96QV1
Other Accession	NM_022475
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2b Kappa
Clone Names	5D11
Calculated MW	78851

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

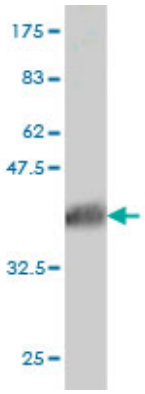
Background

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.

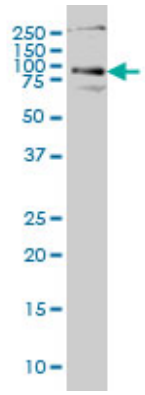
References

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.

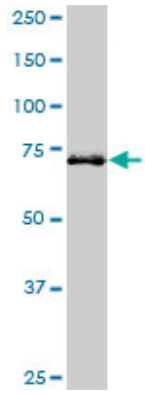
Images



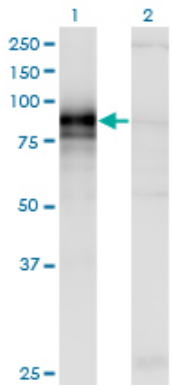
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.74 KDa) .



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



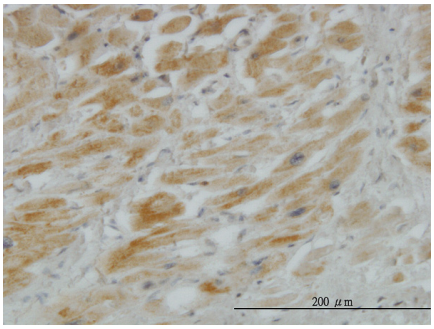
HHIP monoclonal antibody (M01), clone 5D11. Western Blot analysis of HHIP expression in MCF-7 ((Cat # AT2366a)

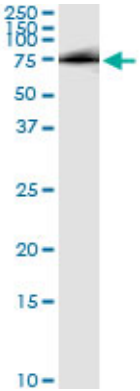


Western Blot analysis of HHIP expression in transfected 293T cell line by HHIP monoclonal antibody (M01), clone 5D11.

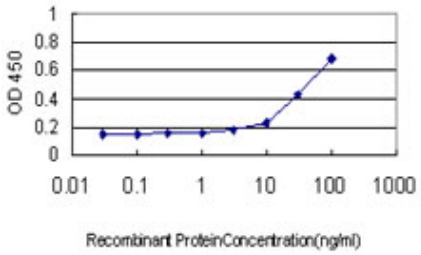
Lane 1: HHIP transfected lysate(78.9 KDa).
Lane 2: Non-transfected lysate.

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





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



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.