

Mouse anti-Human HHIP Monoclonal Antibody | anti-HHIP antibody

HHIP (Hedgehog-interacting Protein, HHIP, HIP, UNQ5825/PRO19644, FLJ20992, FLJ90230) (HRP)

CATALOG # AAA25418	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

HHIP; Monoclonal Antibody; HHIP (Hedgehog-interacting Protein; HIP; UNQ5825/PRO19644; FLJ20992; FLJ90230) (HRP); anti-HHIP antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	5D11
Specificity	Recognizes human HHIP.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with horseradish peroxidase (HRP).
Applicable Applications for anti-HHIP antibody	ELISA, IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Application Notes	IHC-P: 3ug/ml Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa21-121 from human HHIP (NP_071920) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	GDAKFGERNEGSGARRRRCLNGNPPKRLKRRDRRMMSQLELLSGGEMLCGGFYPRLSCLLRSDSPGLGRLENKIFSVTNNTCEGKLLLEEIKCALCSPH
Conjugate	HRP
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES



WB (Western Blot)
HHIP monoclonal antibody. Western Blot analysis of HHIP expression in MCF-7.



WB (Western Blot)
HHIP monoclonal antibody. Western Blot analysis of HHIP expression in Hela NE.



Application Data

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



IP (Immunoprecipitation)

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



IHC (Immunohistochemistry)

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



WB (Western Blot)

Western Blot analysis of HHIP expression in transfected 293T cell line by HHIP monoclonal antibody. Lane 1: HHIP transfected lysate (78.9kD). Lane 2: Non-transfected lysate.

ADDITIONAL INFORMATION

Product Categories/Family for anti-HHIP antibody

Antibodies; Sonic Hedgehog (SHH)

NCBI AND UNIPROT INFORMATION

NCBI GI #	20143973
NCBI GeneID	64399
NCBI Accession #	NP_071920
NCBI GenBank Nucleotide #	NM_022475
UniProt Accession #	Q96QV1; Q6PK09; Q8NCI7; Q9BXX3; Q9H1J4; Q9H7E7
Molecular Weight	36,373 Da
NCBI Official Full Name	hedgehog-interacting protein
NCBI Official Synonym Full Names	hedgehog interacting protein
NCBI Official Symbol	HHIP
NCBI Official Synonym Symbols	HIP
NCBI Protein Information	hedgehog-interacting protein
UniProt Protein Name	Hedgehog-interacting protein
UniProt Gene Name	HHIP
UniProt Synonym Gene Names	HIP; HHIP; HIP
UniProt Entry Name	HHIP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/hhip-antibody-clone-5d11-immunohistochemistry-immunoprecipitation-western-blot-elisa/25418>