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IHH Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant IHH.
Catalog # AT2497a

Specification

IHH Antibody (monoclonal) (M01) - Product Information

Application	**WB**
Primary Accession	Q14623
Other Accession	BC034757
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**45251**

IHH Antibody (monoclonal) (M01) - Additional Information

Gene ID 3549

Other Names
Indian hedgehog protein, IHH, HHG-2, Indian hedgehog protein N-product, Indian hedgehog protein C-product, IHH

Target/Specificity
IHH (AAH34757, 119 a.a. ~ 217 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000

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

IHH Antibody (monoclonal) (M01) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot

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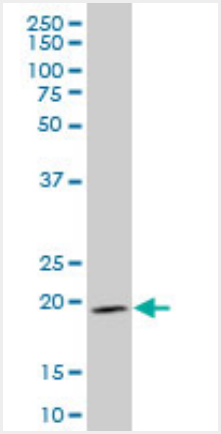
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

IHH Antibody (monoclonal) (M01) - Images



IHH monoclonal antibody (M01), clone 2G9 Western Blot analysis of IHH expression in Jurkat (Cat # L017V1).

IHH Antibody (monoclonal) (M01) - Background

This gene encodes a member of the hedgehog family of secreted signaling molecules. Hedgehog proteins are essential regulators of a variety of developmental processes including growth, patterning and morphogenesis. The encoded protein specifically plays a role in bone growth an differentiation. Mutations in this gene are the cause of brachydactyly type A1 which is characterized by shortening or malformation of the phalanges. Mutations in this gene are also the cause of acrocapitofemoral dysplasia.

IHH Antibody (monoclonal) (M01) - References

1.Protease nexin 1 inhibits hedgehog signaling in prostate adenocarcinoma.McKee CM, Xu D, Cao Y, Kabraji S, Allen D, Kersemans V, Beech J, Smart S, Hamdy F, Ishkanian A, Sykes J, Pintile M, Milosevic M, van der Kwast T, Zafarana G, Ramnarine VR, Jurisica I, Mallof C, Lam W, Bristow RG, Muschel RJ.J Clin Invest. 2012 Nov 1;122(11):4025-36. doi: 10.1172/JCI59348. Epub 2012 Oct 8.