

**IHH Antibody (monoclonal) (M01)**

Mouse monoclonal antibody raised against a full length recombinant IHH.

Catalog # AT2497a

**Specification**

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

Application	WB
Primary Accession	<a href="#">O14623</a>
Other Accession	<a href="#">BC034757</a>
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.

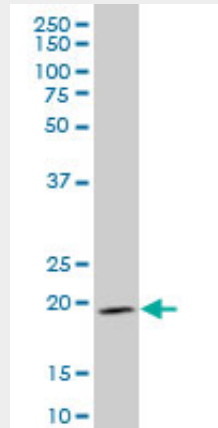
**IHH Antibody (monoclonal) (M01) - Protocols**

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

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

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [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 and 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, Malloff 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.