

FHIT Monoclonal antibody

Catalog Number: 66086-1-Ig 2 Publications

Basic Information

Catalog Number:

66086-1-Ig

Size:

673 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG14471

GenBank Accession Number:

BC032336

GeneID (NCBI):

2272

UNIPROT ID:

P49789

Full Name:

fragile histidine triad gene

Calculated MW:

147 aa, 17 kDa

Observed MW:

17 kDa

Purification Method:

Protein G purification

CloneNo.:

4D6G1

Applications

Tested Applications:

ELISA

Cited Applications:

WB, IHC

Species Specificity:

human

Cited Species:

human

Background Information

The candidate tumor suppressor gene, FHIT (Fragile histidine triad protein), encompasses the common human chromosomal fragile site at 3p14.2, the hereditary renal cancer translocation breakpoint, and cancer cell homozygous deletions. Fhit hydrolyzes dinucleotide 5',5'''-P1,P3-triphosphate in vitro and mutation of a central histidine abolishes hydrolase activity (PMID:9391102). FHIT has a major role in regulating beta-catenin-mediated gene transcription.

Notable Publications

Author	Pubmed ID	Journal	Application
Fan Yang	31771040	Cancer Biomark	IHC
Qing Zhu	32661472	Int J Clin Exp Pathol	IHC, WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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