

For Research Use Only

FHIT Monoclonal antibody, PBS Only (Detector)

Catalog Number: 66086-1-PBS



Basic Information

Catalog Number: 66086-1-PBS	GenBank Accession Number: BC032336	Purification Method: Protein A purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 2272	CloneNo.: 4D6G1
Source: Mouse	UNIPROT ID: P49789	
Isotype: IgG1	Full Name: fragile histidine triad gene	
Immunogen Catalog Number: AG14471	Calculated MW: 147 aa, 17 kDa	
	Observed MW: 17 kDa	

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

66086-1-PBS targets FHIT as part of a matched antibody pair:

MP51232-1: 60833-1-PBS capture and 66086-1-PBS detection (validated in Cytometric bead array)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

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.

Storage

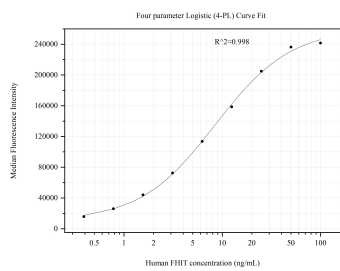
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Cytometric bead array standard curve of MP51232-1, FHIT Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 60833-1-PBS. Detection antibody: 66086-1-PBS. Standard:Ag14471. Range: 0.391-100 ng/mL.