

For Research Use Only

OTUD6B Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 87049-1-PBS



Basic Information

Catalog Number: 87049-1-PBS	GenBank Accession Number: BC029760	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 51633	CloneNo.: 251982E6
Isotype: IgG	UNIPROT ID: Q8N6M0	
Immunogen Catalog Number: AG22044	Full Name: OTU domain containing 6B	
	Calculated MW: 293 aa, 34 kDa	
	Observed MW: 34 kDa	

Applications

Tested Applications:
WB, IF/ICC, Cytometric bead array, Indirect ELISA

Species Specificity:
human

Background Information

OTUD6B, also known as DUBA5, belongs to a DUB subfamily characterized by an ovarian tumor domain (OTU). It's a functional deubiquitinating enzyme, a class of protease that specifically cleaves ubiquitin linkages. OTUD6B function may be connected to growth and proliferation. It has been reported that OTUD6B could significantly suppress HCC cells migration and metastasis. The calculated molecular weight of OTUD6B is 34 kDa, 87049-1-RR can detect the band around 34 kDa.(PMID:32323143)

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

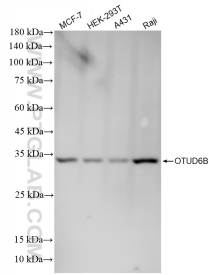
T: 4006900926

E: Proteintech-CN@ptglab.com

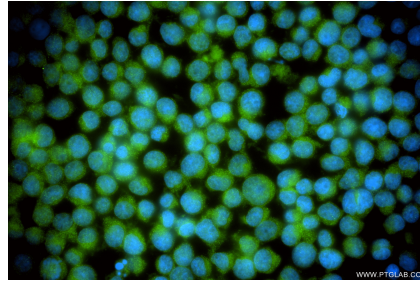
W: ptgcn.com

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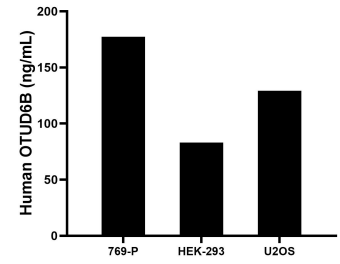
Selected Validation Data



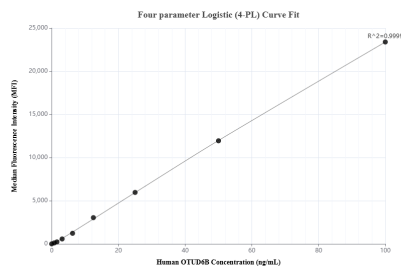
Various lysates were subjected to SDS PAGE followed by western blot with 87049-1-RR (OTUD6B antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87049-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed Jurkat cells using OTUD6B antibody (87049-1-RR, Clone: 251982E6) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 87049-1-PBS in a different storage buffer formulation.



The mean OTUD6B concentration was determined to be 177.4 ng/mL in 769-P cell extract based on a 1.2 mg/mL extract load, 83.1 ng/mL in HEK-293 cell extract based on a 1.2 mg/mL extract load, 129.1 ng/mL in U2OS cell extract based on a 1.2 mg/mL extract load.



Cytometric bead array standard curve of MP02964-1, OTUD6B Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87049-1-PBS. Detection antibody: 87049-2-PBS. Standard: Ag22044. Range: 0.781-100 ng/mL.