

For Research Use Only

IMPDH2 Recombinant antibody, PBS Only

Catalog Number: 86346-3-PBS



Basic Information

Catalog Number: 86346-3-PBS	GenBank Accession Number: BC012840	Purification Method: Protein A purification
Concentration: 1000 µg/ml	GeneID (NCBI): 3615	CloneNo.: 251066H6
Source: Rabbit	UNIPROT ID: P12268	
Isotype: IgG	Full Name: IMP (inosine monophosphate) dehydrogenase 2	
Immunogen Catalog Number: AG3632	Calculated MW: 514 aa, 56 kDa	
	Observed MW: 56 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

IMPDH2, also named as IMPD2, belongs to the IMPDH/GMPR family. It is a rate limiting enzyme in the de novo synthesis of guanine nucleotides and therefore is involved in the regulation of cell growth. It may also have a role in the development of malignancy and the growth progression of some tumors. IMPDH2 is a key enzyme in the purine nucleotide biosynthetic pathway and constitutes a pivotal biological target for immunosuppressant and antiviral drugs. (PMID:21181270)

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:

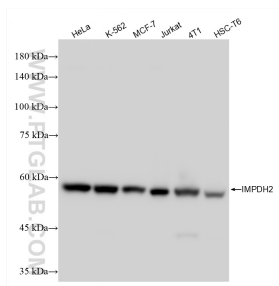
T: 4006900926

E: Proteintech-CN@ptglab.com

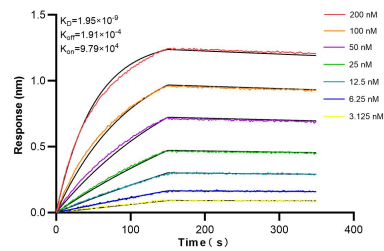
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86346-3-RR (IMPDH2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86346-3-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 86346-3-RR against Human IMPDH2 were performed. The affinity constant is 1.95 nM.