

For Research Use Only

RyDEN Recombinant monoclonal antibody, PBS Only

Catalog Number: 88428-1-PBS



Basic Information

Catalog Number: 88428-1-PBS	GenBank Accession Number: BC035817	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 55337	CloneNo.: 260958E12
Source: Rabbit	UNIPROT ID: Q9NUL5	
Isotype: IgG	Full Name: chromosome 19 open reading frame 66	
Immunogen Catalog Number: AG42748	Observed MW: 38 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

The shiftless antiviral inhibitor of ribosomal frameshifting (SHFL) gene was firstly predicted as an ISG in 2011, which is also named as C19orf66, FLJ11286, IRAY, UPF0515, and RyDEN. SHFL showed high expressing level in human liver and spleen tissues, whereas a lower expression is observed in the pancreas and heart. SHFL is a novel ISG that inhibits dengue virus (DENV), West Nile virus (WNV), Zika virus (ZIKV), and Japanese encephalitis virus (JEV) infections. Interestingly, SHFL functions as a broad-spectrum antiviral factor exhibiting suppressive activity against various types of RNA and DNA viruses. (PMID: 36293480, PMID: 26735137, PMID: 38149274)

Storage

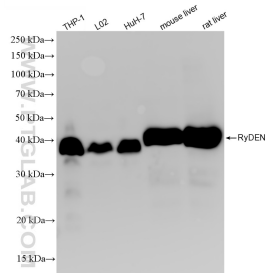
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

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
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88428-1-RR (RyDEN antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 88428-1-PBS in a different storage buffer formulation.