

RyDEN Recombinant monoclonal antibody

Catalog Number: 88428-1-RR

Basic Information

Catalog Number:

88428-1-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG42748

GenBank Accession Number:

BC035817

GeneID (NCBI):

55337

UNIPROT ID:

Q9NUL5

Full Name:

chromosome 19 open reading frame
66

Observed MW:

38 kDa

Purification Method:

Protein A purification

CloneNo.:

260958E12

Recommended Dilutions:

WB: 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB: THP-1 cells, L02 cells, HuH-7 cells, mouse liver
tissue, rat liver tissue

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, IRAV, 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:

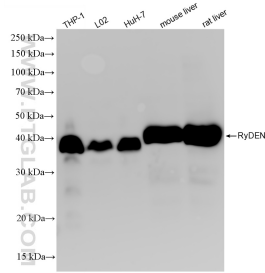
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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.