

For Research Use Only

dsRNA Recombinant antibody, PBS Only

Catalog Number: 85780-2-PBS



Basic Information

Catalog Number:

85780-2-PBS

GenBank Accession Number:

GeneID (NCBI):

Purification Method:

Protein A purification

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

Full Name:

CloneNo.:

250708A2

Source:

Rabbit

Isotype:

IgG

Applications

Tested Applications:

IF/ICC, FC (Intra), Dot Blot, Indirect ELISA

Species Specificity:

n/a

Background Information

dsRNA is formed by the base pairing of two RNA strands, creating a double helix structure similar to DNA, but with some differences. dsRNA can be generated through various mechanisms. In the context of viral infections, it can be derived from the genomes of dsRNA viruses, replication intermediates of single-stranded RNA viruses, or bidirectional transcription of certain DNA viruses. Additionally, aberrant splicing or transcriptional processes may lead to the formation of dsRNA structures. dsRNA is recognized as a pathogen-associated molecular pattern (PAMP) by the immune system. It can trigger a series of immune responses in cells, including the activation of antiviral innate immune pathways.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

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

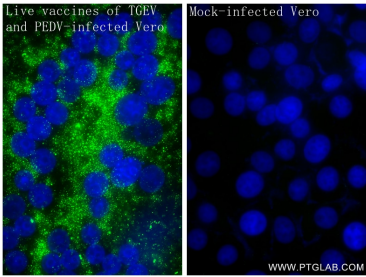
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

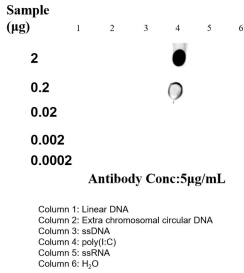
W: ptglab.com

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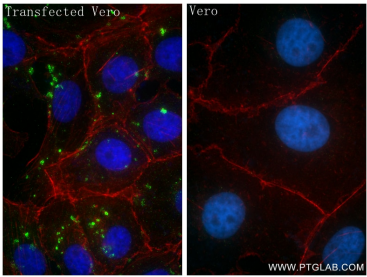
Selected Validation Data



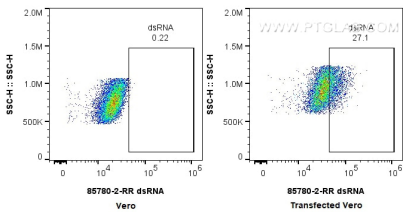
Immunofluorescent analysis of (4% PFA) fixed Live vaccines of TGEV and PEDV-infected Vero cells using dsRNA antibody (85780-2-RR, Clone: 250708A2) at dilution of 1:250 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 85780-2-PBS in a different storage buffer formulation.



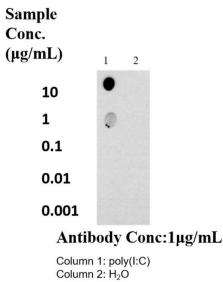
Dot blot analysis was used to confirm the specificity of 85780-2-RR anti-dsRNA antibody. samples were spotted onto NC and probed with antibody at 5 µg/mL. The amount of sample (µg) spotted is indicated next to each row. This data was developed using the same antibody clone with 85780-2-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed Transfected Vero using dsRNA antibody (85780-2-RR, Clone: 250708A2) at dilution of 1:250 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 85780-2-PBS in a different storage buffer formulation.



1x10⁶ Transfected Vero were intracellularly stained with 0.25 µg dsRNA Recombinant antibody (85780-2-RR, Clone:250708A2) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), and 0.25 µg Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone



Dot blot analysis was used to confirm the specificity of 85780-2-RR dsRNA antibody. samples were spotted onto NC and probed with antibody at 1 µg/mL. The amount of sample (µg/mL) spotted is indicated next to each row. This data was developed using the same antibody clone with 85780-2-PBS in a different storage buffer formulation.