

For Research Use Only

CoraLite®488-conjugated dsRNA Recombinant antibody

Catalog Number: CL488-85780-2



Basic Information

Catalog Number:

CL488-85780-2

Concentration:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

GeneID (NCBI):

Full Name:

Purification Method:

Protein A purification

CloneNo.:

250708A2

Recommended Dilutions:

FC (Intra): 0.4 ug per 10⁶ cells in a
100 µl suspension

Excitation/Emission maxima
wavelengths:

491 nm / 516 nm

Applications

Tested Applications:

FC (Intra), ELISA

Species Specificity:

n/a

Positive Controls:

FC (Intra) : Transfected Vero,

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 -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3

Aliquoting is unnecessary for -20°C storage

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

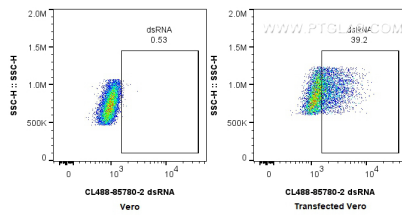
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ Transfected Vero were intracellularly stained with 0.4 ug CoraLite® 488-conjugated dsRNA Recombinant antibody (CL488-85780-2, Clone:250708A2), and 0.4 ug CoraLite® Plus 488 Rabbit IgG Isotype Control RecAb (CL488-98136, Clone: 240953C9). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).