

For Research Use Only

# Anti- GGGGS Linker Rabbit Recombinant Antibody, PBS Only

Catalog Number:98262-1-PBS



## Basic Information

Catalog Number:

98262-1-PBS

Size:

1mg , 2 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

GeneID (NCBI):

Full Name:

Purification Method:

Protein A purification

CloneNo.:

242306C8

## Applications

Tested Applications:

FC

Species Specificity:

n/a

## Background Information

As a crucial element in the design of recombinant fusion proteins, linkers play an increasingly vital role in the construction of stable, bioactive fusion proteins (PMID: 23026637). GGGGS linker (G4S linker) is a flexible linker made of 4 glycine repeats followed by a serine amino acid (PMID:3045807). Due to its flexibility and resistance to proteases, GGGGS and its repeats are commonly used when engineering a protein, particularly in the construction of single-chain Fv (ScFv) domains expressed on the surfaces of CAR-T cells (PMID:23581628; 36874404). This antibody was raised against a synthetic peptide (GGGSGGGSGGGGS).

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

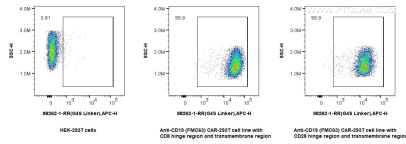
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
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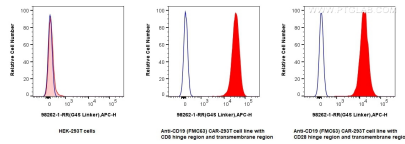
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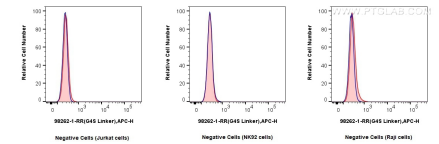
## Selected Validation Data



1x10<sup>6</sup> HEK-293T cells or anti-CD19 (FMC63) CAR with CD28 or CD8 hinge region and transmembrane region transfected HEK-293T cells were surface stained with 0.25 ug Anti G4S Linker Rabbit RecAb (98262-1-RR, Clone:242306C8) and Multi-rAb CoraLite Plus 647-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR005). Cells were not fixed. This data was developed using the same antibody clone with 98262-1-PBS in a different storage buffer formulation.



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1x10<sup>6</sup> Jurkat cells or NK92 cells or Raji cells were surface stained with 0.25 ug Anti G4S Linker Rabbit RecAb (98262-1-RR, Clone: 242306C8) (red) or Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and Multi-rAb CoraLite Plus 647-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR005). Cells were not fixed This data was developed using the same antibody clone with 98262-1-PBS in a different storage buffer formulation.