

PRODUCT INFORMATION

Clone ID BM1049 G4S linker **Target GGGGS Synonyms** Rabbit **Host Species**

Biotinylated Anti-(G4S)4 antibody(BM1049), Description

Rabbit mAb

Delivery In Stock **Uniprot ID** N/A

Rabbit IgG IgG type Clonality Monoclonal

Reactivity N/A

Applications Flow Cyt

Recommended **Dilutions**

Background

Flow Cyt 15µg/ml

Purified from cell culture supernatant by affinity **Purification**

chromatography

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & - 8% trehalose is added as protectants before Reconstitution

lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store

Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

The poly-Glycine-Serine (G4S) linker is a type of flexible, unstructured synthetic peptide linker sequence often leveraged to connect antibody fragments (scFvs) and fusion proteins. The linker itself consists of a core pentapeptide sequence, Gly-Gly-Gly-Ser, that is repeated and

commonly found as either a 15-mer (G4S)3 or 20-mer (G4S)4 within scFv-based CARs and scFv

fragments. The linker sequence length plays a role in controlling scFv stability and the

noncovalent association between the VH and VL domains.Anti-(G4S)4 antibody(BM1049) can binds to linkers with more than one repeat of GGGGS

Usage Research use only

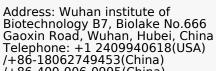
Conjugate Biotinylated

> All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are

> > Email: info@dimabio.com Website: www.dimabio.com

actively scrutinizing all patent application to

ensure no IP infringement.



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DIMA Disclaimer



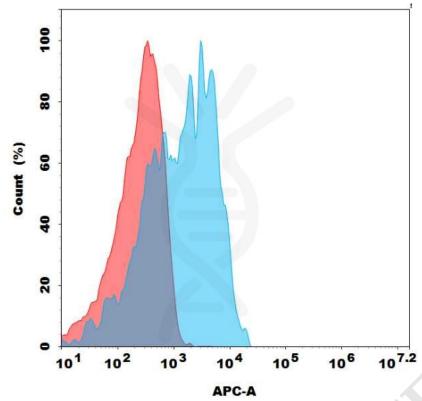


Figure 1. Flow cytometry analysis with 15 μ g/ml Biotinylated Anti-(G4S)4 antibody(BM1049) on CAR-T cells (Blue histogram) or T cells (Red histogram).

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