

PRODUCT INFORMATION

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

Description Anti-(G4S)4 antibody(BM1049), Rabbit mAb

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

IgG type Rabbit IgG Clonality Monoclonal

Reactivity N/A

Applications ELISA FC

Recommended **Dilutions**

Flow Cyt 1:100 ELISA 1:5000-10000

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

chromatography

Formulation & Reconstitution

Storage & Shipping

DIMA Disclaimer

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

Background

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

peptide.

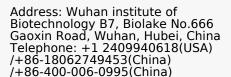
Usage Research use only

> 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

actively scrutinizing all patent application to

ensure no IP infringement.









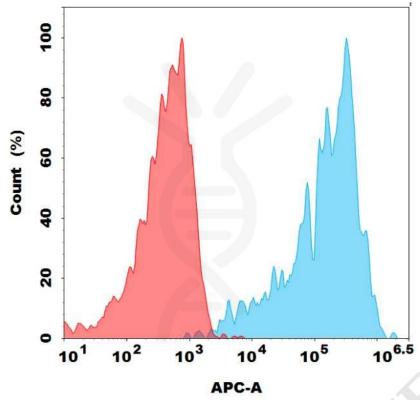
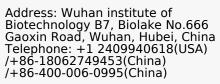


Figure 1. Flow cytometry analysis with Anti-(G4S)4 antibody(BM1049) on Expi293 cells transfected with BCMA CAR Abecma (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).



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

