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12-90414: Anti-(G4S)4 antibody(BM1049), Rabbit mAb

Clonality :	Monoclonal
Clone Name :	BM1049
Gene :	G4S linker
Alternative Name :	GGGGS
Isotype :	Rabbit IgG

Description

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-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 peptide.

Product Info

Amount :	100 µg / 10 µg
Purification :	Purified from cell culture supernatant by affinity chromatography
Content :	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.
Storage condition :	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.

Application Note

FACS 1:100 ELISA 1:5000-10000

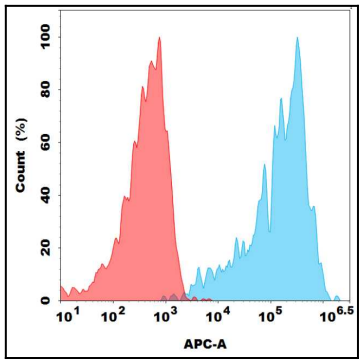

Figure 1. Flow cytometry analysis with Anti-(G4S)4 antibody(BM1049) on Expi293 cells transfected with BCMA CAR Abecma (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).