

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

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	BM1049
<b>Gene :</b>	G4S linker
<b>Alternative Name :</b>	GGGGS
<b>Isotype :</b>	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

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

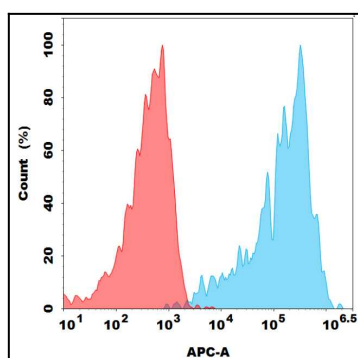


Figure 1. Flow cytometry analysis with Anti-(G4S)4 antibody(BM1049) on Expi293 cells transfected with BCMA CAR Abecma (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).