

PRODUCT INFORMATION

Common Name	CM 310, CM-310, CM310
Conjugate	Unconjugated
Synonyms	interleukin 4 receptor, IL4R, IL-4RA, CD124
Applications	ELISA, Flow Cyt
Endotoxin	Less than 1.0 EU/ μ g by the LAL method. For <1 EU/mg requirements, please contact us for customization.
Recommended Dilutions	ELISA 1:5000-10000, Flow Cyt 1:100
Formulation & Reconstitution	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.
Host Species	Humanized
IgG type	Human IgG4 - Kappa
Reactivity	Human
Target	IL4RA
Uniprot ID	P24394
Description	Anti-IL4RA(stapokibart biosimilar) mAb
Delivery	In Stock
Storage&Shipping	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 antibodies are shipped at ambient temperature.
Background	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
Usage	Research use only



Anti-IL4RA(stapokibart biosimilar) mAb ELISA

0.2 μ g of Human IL4RA, mFc tagged protein per well

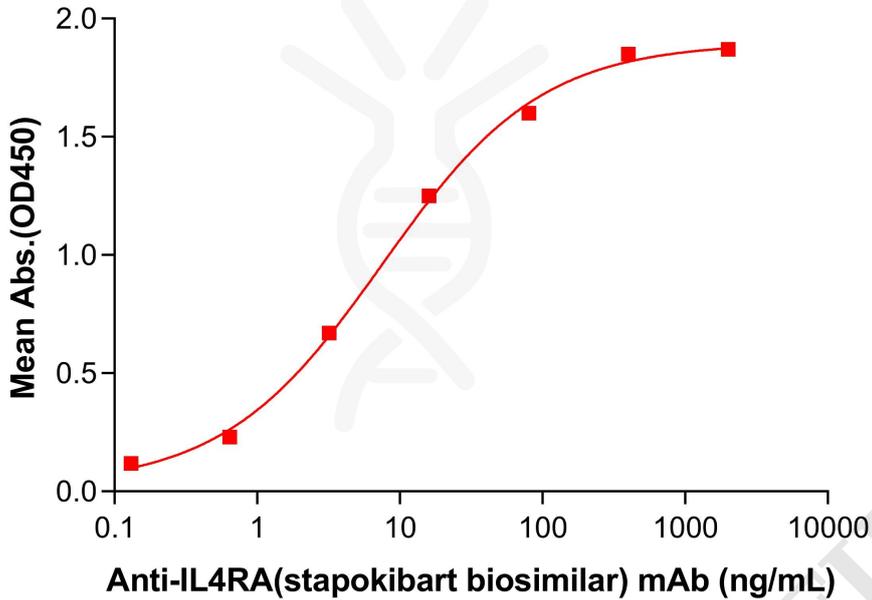


Figure 1. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Human IL4RA Protein, mFc Tag (PME100551) can bind Anti-IL4RA(stapokibart biosimilar) mAb (BME100677) in a linear range of 0.6-80 ng/mL.

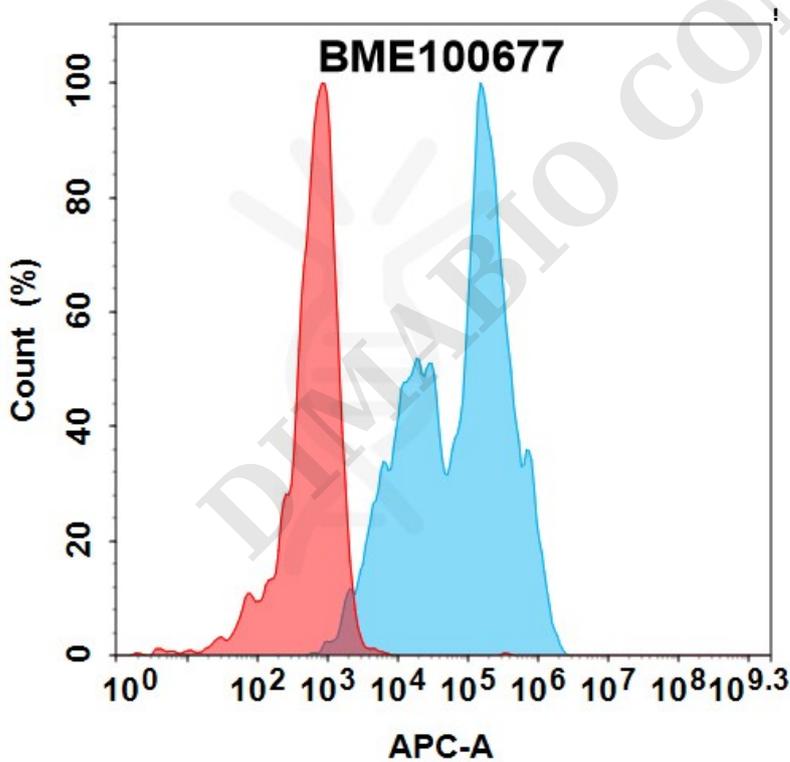


Figure 2. Flow cytometry analysis with 1 μ g/mL Anti-IL4RA(stapokibart biosimilar) mAb (BME100677) on HEK293 cells transfected with Human IL4RA protein (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

