

PRODUCT INFORMATION

Common Name	FMC63
Synonyms	CD19;4;VID3;GC12802
Conjugate	Unconjugated
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	Mus musculus
IgG type	Mouse IgG2a - Kappa
Reactivity	Human
Target	CD19
Uniprot ID	P15391
Description	Anti-CD19(FMC63 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 proteins are shipped at ambient temperature.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μ m) prior to use.
Background	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
Usage	Research use only



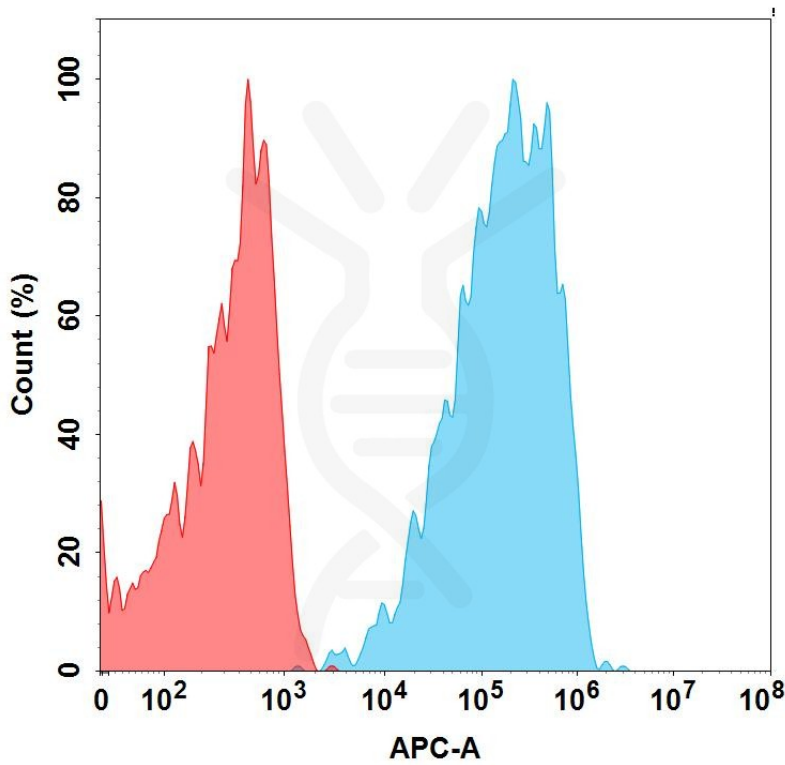


Figure 1. Flow cytometry analysis with 1 $\mu\text{g}/\text{mL}$ Anti-CD19 mAb (BME100094) on HEK293 cells transfected with Human CD19 protein (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

Anti-CD19(FMC63 biosimilar) mAb ELISA

0.2 μg of Human CD19(M75I,L82V,F83L), hFc tagged protein per well

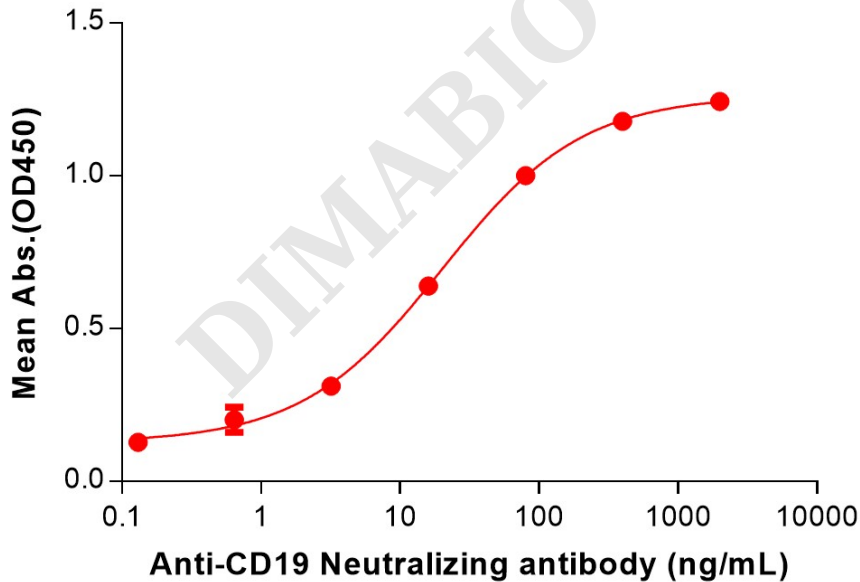


Figure 2. ELISA plate pre-coated by 2 $\mu\text{g}/\text{mL}$ (100 $\mu\text{L}/\text{well}$) Human CD19 (M75I,L82V,F83L) Protein, hFc Tag (PME101557) can bind Anti-CD19(FMC63 biosimilar) mAb (BME100094) in a linear range of 3.20–400 ng/mL.



Anti-CD19(FMC63 biosimilar) mAb ELISA

0.2 µg of Human CD19(M75V,R76S,F85S), hFc tagged protein per well

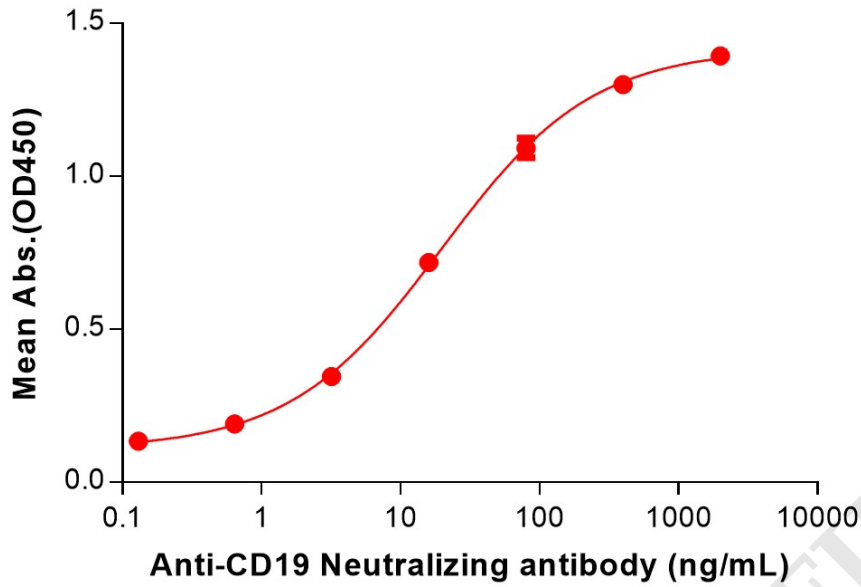


Figure 3. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human CD19 (M75V,R76S,F85S) Protein, hFc Tag (PME101558) can bind Anti-CD19(FMC63 biosimilar) mAb (BME100094) in a linear range of 3.20-400 ng/mL.

