

PRODUCT INFORMATION

Common Name	5C5
Conjugate	Unconjugated
Synonyms	NKG2D;CD314;KLRK1;NK cell receptor D
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 IgG1(L234A,L235A) - Kappa
Reactivity	Human
Target	NKG2D
Uniprot ID	P26718
Description	Anti-NKG2D(5C5 biosimilar, L234A/L235A) 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.
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



Anti-NKG2D(5C5 biosimilar, L234A/L235A) mAb ELISA

0.2 µg of Human NKG2D, mFc tagged protein per well

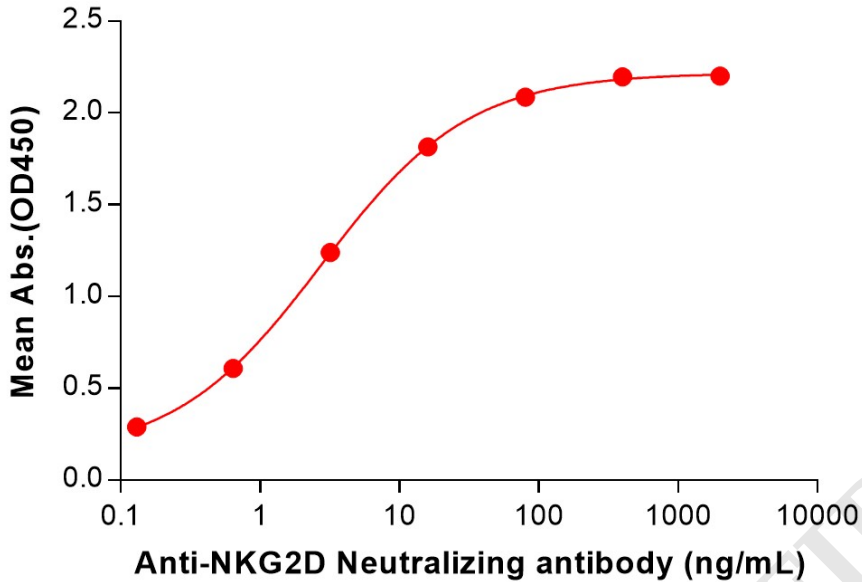


Figure 1. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human NKG2D Protein, mFc Tag (PME100079) can bind Anti-NKG2D(5C5 biosimilar, L234A/L235A) mAb (BME100229) in a linear range of 0.13–16 ng/mL.

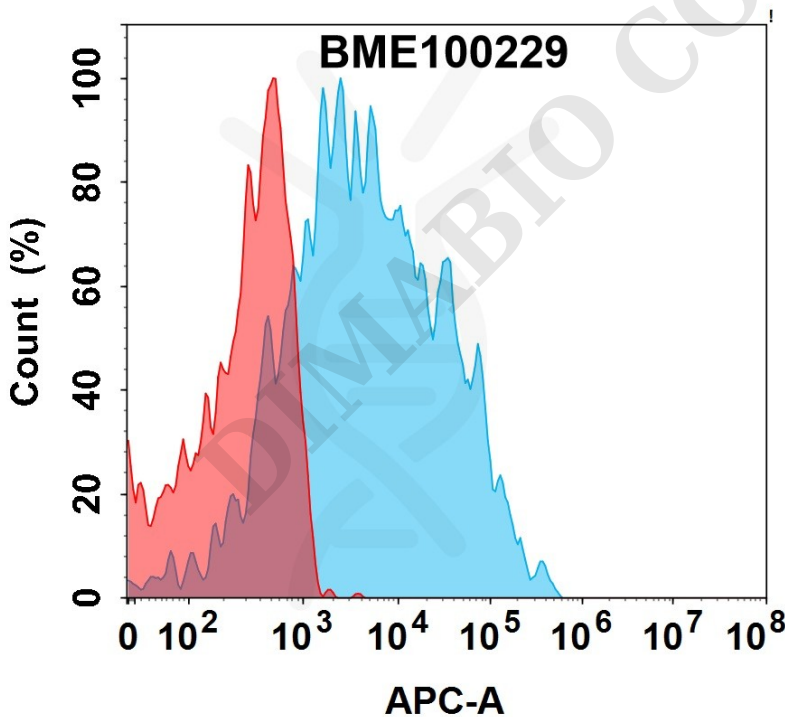


Figure 2. Flow cytometry analysis with 1µg/mL Anti-NKG2D(5C5 biosimilar, L234A/L235A) mAb (BME100229) on HEK293 cells transfected with Human NKG2D and DAP10 protein (Blue histogram) or HEK293 transfected with Human DAP10 protein (Red histogram).

