

**PRODUCT INFORMATION**

<b>Common Name</b>	5C5
<b>Conjugate</b>	Unconjugated
<b>Synonyms</b>	NKG2D,CD314,KLRK1,NK cell receptor D
<b>Applications</b>	ELISA, Flow Cyt
<b>Endotoxin</b>	Less than 1.0 EU/ $\mu$ g by the LAL method. For <1 EU/mg requirements, please contact us for customization.
<b>Recommended Dilutions</b>	ELISA 1:5000-10000, Flow Cyt 1:100
<b>Formulation &amp; Reconstitution</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>Host Species</b>	Humanized
<b>IgG type</b>	Human IgG1 - kappa
<b>Reactivity</b>	Human
<b>Target</b>	NKG2D
<b>Uniprot ID</b>	P26718
<b>Description</b>	Anti-NKG2D(5C5 biosimilar) mAb
<b>Delivery</b>	In Stock
<b>Storage&amp;Shipping</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 antibodies are shipped at ambient temperature.
<b>Background</b>	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
<b>Usage</b>	Research use only



**Anti-NKG2D(5C5 biosimilar) mAb ELISA**

0.2 µg of Human NKG2D, mFc tagged protein per well

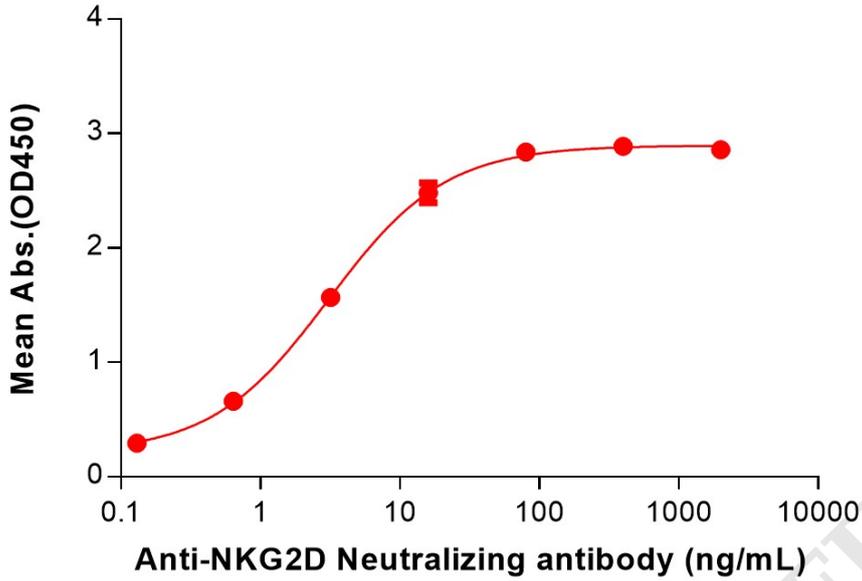


Figure 1. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human NKG2D Protein, mFc Tag (PME100079) can Anti-NKG2D(5C5 biosimilar) mAb (BME100207) in a linear range of 0.13-16 ng/mL.

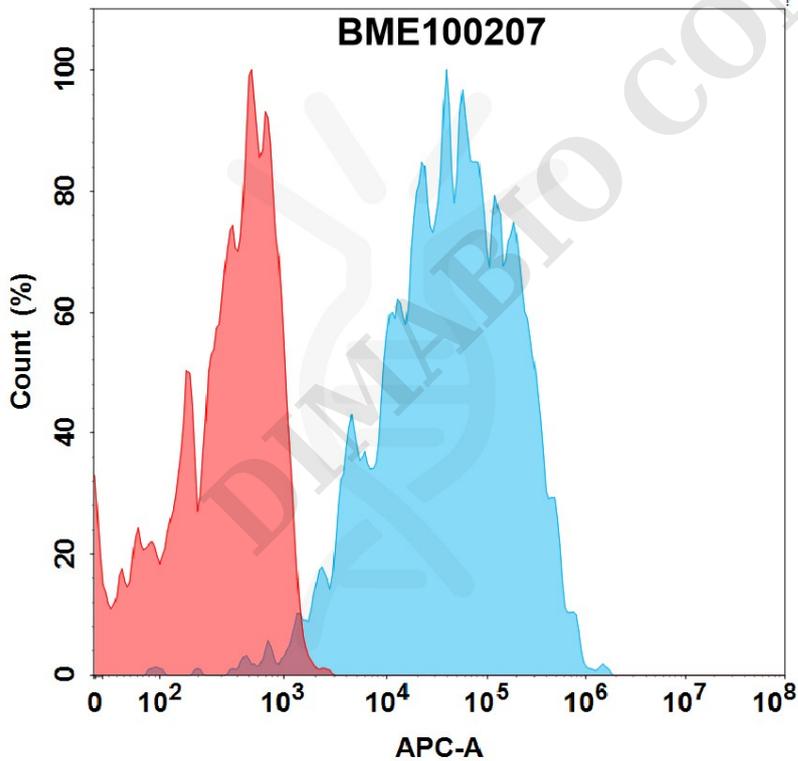


Figure 2. Flow cytometry analysis with 1µg/mL Anti-NKG2D(5C5 biosimilar) mAb (BME100207) on HEK293 cells transfected with Human NKG2D and DAP10 protein (Blue histogram) or HEK293 transfected with DAP10 protein (Red histogram).



## Anti-NKG2D(5C5 biosimilar) mAb ELISA

0.2  $\mu$ g of Anti-NKG2D(5C5 biosimilar) mAb per well

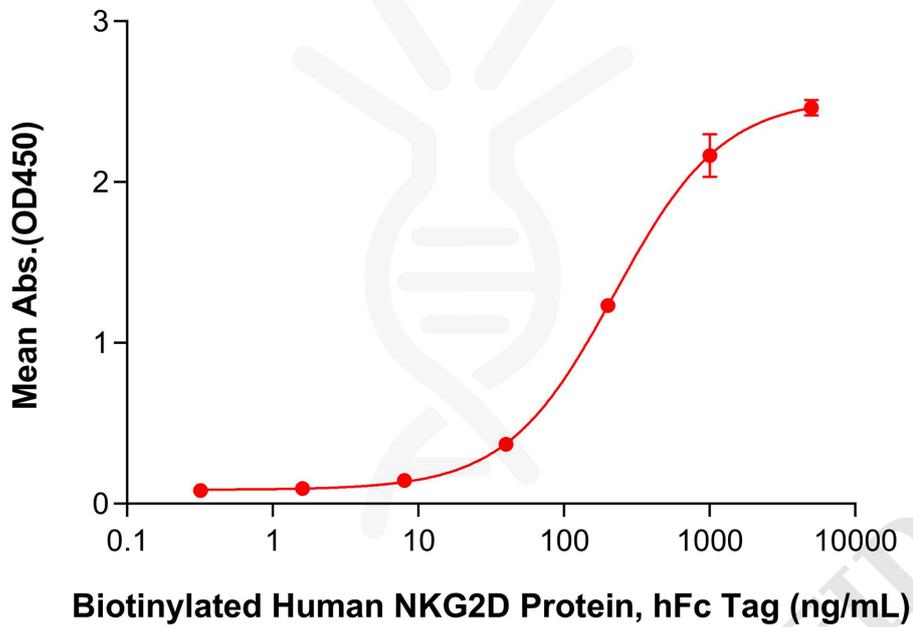


Figure 3. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) Anti-NKG2D(5C5 biosimilar) mAb (BME100207) can bind Biotinylated Human NKG2D Protein, hFc Tag (PME101956B) in a linear range of 200-1000 ng/mL. In order to specifically detect PME101956B, HRP Conjugated Streptavidin was used as detection antibody.

