

PRODUCT INFORMATION

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| 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 - kappa |
| Reactivity | Human |
| Target | NKG2D |
| Uniprot ID | P26718 |
| Description | Anti-NKG2D(5C5 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. |
| 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) mAb ELISA

0.2 μg of Human NKG2D, mFc tagged protein per well

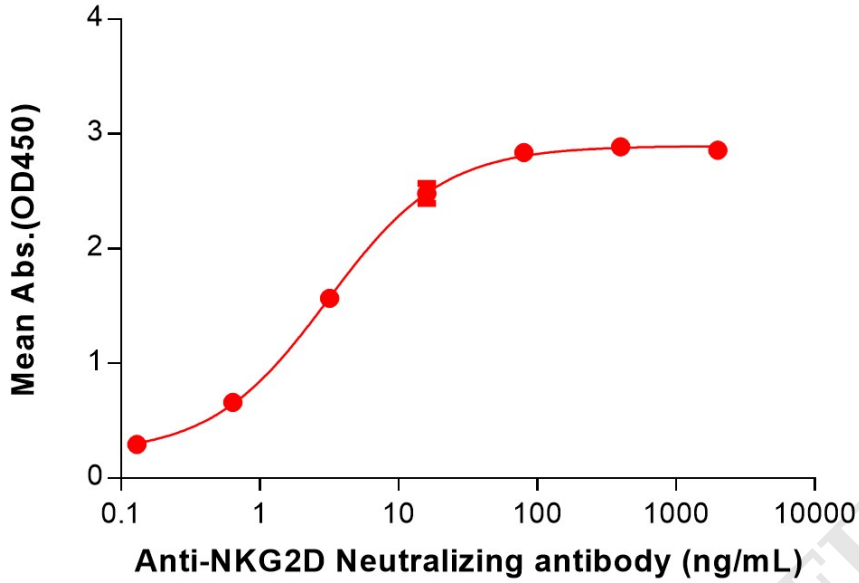


Figure 1. ELISA plate pre-coated by 2 $\mu\text{g}/\text{mL}$ (100 $\mu\text{L}/\text{well}$) Human NKG2D Protein, mFc Tag (PME100079) can Anti-NKG2D(5C5 biosimilar) mAb (BME100207) in a linear range of 0.13-16 ng/mL.

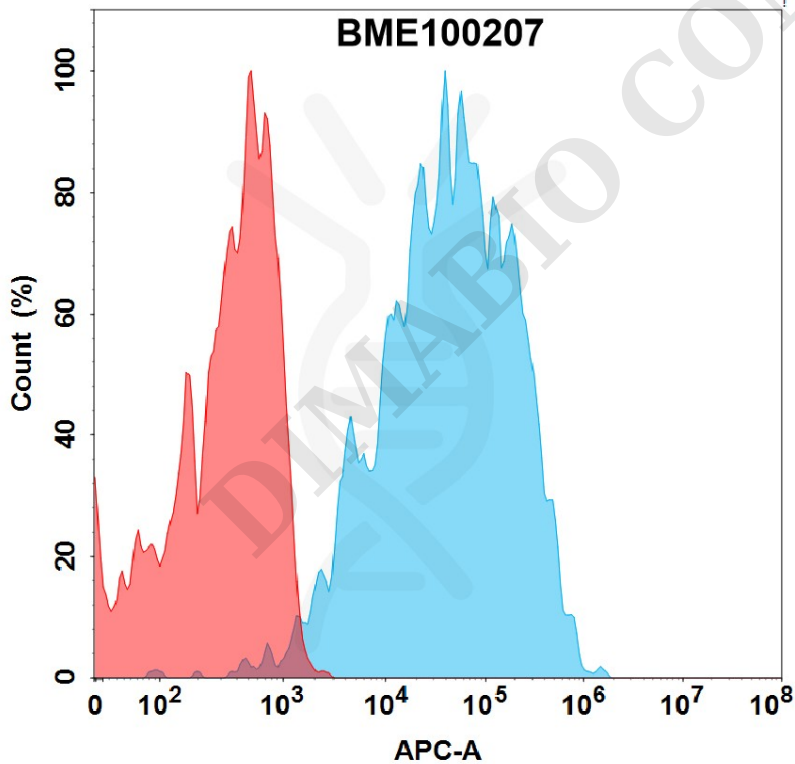


Figure 2. Flow cytometry analysis with 1 $\mu\text{g}/\text{mL}$ Anti-NKG2D(5C5 biosimilar) mAb (BME100207) on HEK293 cells transfected with Human NKG2D and DAP10 protein (Blue histogram) or HEK293 transfected with DAP10 protein (Red histogram).



Anti-NKG2D(5C5 biosimilar) mAb ELISA

0.2 μ g of Anti-NKG2D(5C5 biosimilar) mAb per well

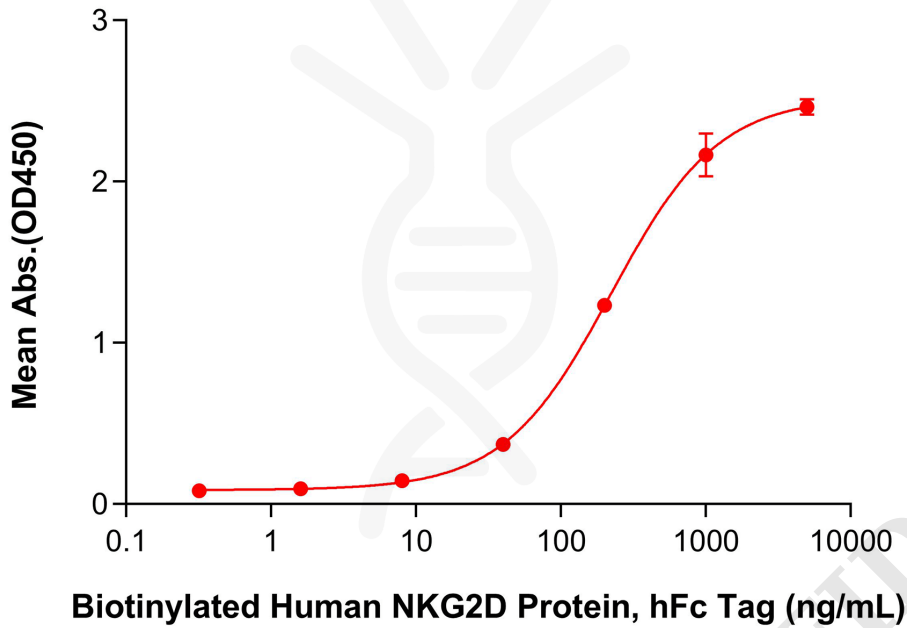


Figure 3. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Anti-NKG2D(5C5 biosimilar) mAb (BME100207) can bind Biotinylated Human NKG2D Protein, hFc Tag (PME101956B) in a linear range of 200-1000 ng/mL. In order to specifically detect PME101956B, HRP Conjugated Streptavidin was used as detection antibody.

