## PRODUCT INFORMATION

| Common Name | 5C5 |
| :---: | :---: |
| Synonyms | NKG2D；CD314；KLRK1；NK cell receptor D |
| Applications | ELISA，Flow Cyt |
| 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 Iyophilization．Please see Certificate of Analysis for specific instructions of reconstitution． |
| Host Species | Humanized |
| IgG type | IgG1 |
| Reactivity | Human |
| Target | NKG2D |
| Uniprot ID | P26718 |
| Description | Anti－NKG2D（5C5 biosimilar，L234A／L235A）mAb |
| Delivery | In Stock |
| Storage \＆Shipping | Store at $-20^{\circ} \mathrm{C}$ to $-80^{\circ} \mathrm{C}$ for 12 months in lyophilized form．After reconstitution，if not intended for use within a month，aliquot and store at $-80^{\circ} \mathrm{C}$（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-NKG2D(5C5 biosimilar, L234A/L235A) mAb ELISA

$0.2 \mu \mathrm{~g}$ of Human NKG2D, mFc tagged protein per well


Figure 1. ELISA plate pre-coated by $2 \mu \mathrm{~g} / \mathrm{mL}$ ( $100 \mu \mathrm{~L} /$ well) Human NKG2D Protein, mFc Tag (PME100079) can bind AntiNKG2D(5C5 biosimilar, L234A/L235A) mAb (BME100229) in a linear range of $0.13-16 \mathrm{ng} / \mathrm{mL}$.


Figure 2. Flow cytometry analysis with $1 \mu \mathrm{~g} / \mathrm{mL}$ Anti-NKG2D(5C5 biosimilar, L234A/L235A) mAb (BME100229) on Expi293 cells transfected with Human NKG2D and DAP10 protein (Blue histogram) or Expi293 transfected with Human DAP10 protein (Red histogram).

