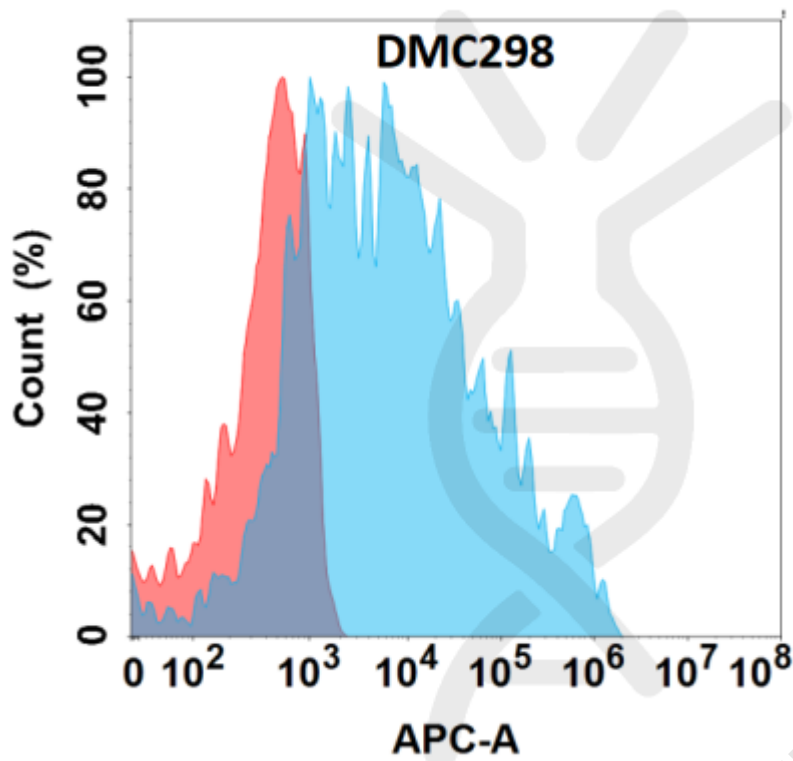


**PRODUCT INFORMATION**

|   |   |
|---|---|
| <b>Clone ID</b>                         | DMC298  |
| <b>Target</b>                           | NKG2A   |
| <b>Synonyms</b>                         | CD159A; NKG2; NKG2A   |
| <b>Host Species</b>                     | Rabbit  |
| <b>Description</b>                      | Anti-NKG2A antibody(DMC298); IgG1 Chimeric mAb  |
| <b>Delivery</b>                         | In Stock  |
| <b>Uniprot ID</b>                       | P26715  |
| <b>IgG type</b>                         | Rabbit/Human Fc chimeric IgG1   |
| <b>Clonality</b>                        | Monoclonal  |
| <b>Reactivity</b>                       | Human   |
| <b>Applications</b>                     | Flow Cyt  |
| <b>Recommended Dilutions</b>            | Flow Cyt 1:100  |
| <b>Purification</b>                     | Purified from cell culture supernatant by affinity chromatography   |
| <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>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 proteins are shipped at ambient temperature.   |
| <b>Background</b>                       | Natural killer (NK) cells are lymphocytes that can mediate lysis of certain tumor cells and virus-infected cells without previous activation. They can also regulate specific humoral and cell-mediated immunity. The protein encoded by this gene belongs to the killer cell lectin-like receptor family; also called NKG2 family; which is a group of transmembrane proteins preferentially expressed in NK cells. This family of proteins is characterized by the type II membrane orientation and the presence of a C-type lectin domain. This protein forms a complex with another family member; KLRD1:CD94; and has been implicated in the recognition of the MHC class I HLA-E molecules in NK cells. The genes of NKG2 family members form a killer cell lectin-like receptor gene cluster on chromosome 12. Multiple alternatively spliced transcript variants encoding distinct isoforms have been observed. |
| <b>Usage</b>                            | Research use only   |





**Figure 1.** Flow cytometry analysis with Anti-NKG2A (DMC298) on Expi293 cells transfected with human NKG2A (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

