

## Purified Anti-Mouse NKG2A/C/E Antibody[20D5], Functional Grade

catalog number: AN004090

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

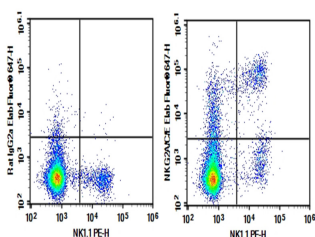
<b>Reactivity</b>	Mouse
<b>Immunogen</b>	Recombinant Mouse NKG2A/C/E protein
<b>Host</b>	Rat
<b>Isotype</b>	Rat IgG2a, $\kappa$
<b>Clone</b>	20D5
<b>Purification</b>	>98%, Protein A/G purified
<b>Buffer</b>	Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL method.

### Applications

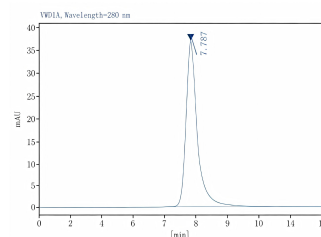
### Recommended Dilution

<b>FCM</b>	2 $\mu$ g/mL (0.5 $\times$ 10 <sup>6</sup> -1 $\times$ 10 <sup>6</sup> cells)
<b>Block</b>	Reported in the literature

### Data



C57/BL6 Mouse splenocytes were stained with 0.2  $\mu$ g Purified Anti-Mouse NKG2A/C/E Antibody[20D5], Functional Grade (Right) and 0.2  $\mu$ g Rat IgG2a,  $\kappa$  Isotype Control (Left), followed by Elab Fluor® 647-conjugated Goat Anti-Rat IgG Secondary Antibody, then anti-Mouse NK1.1 PE-conjugated Monoclonal Antibody.



Monomer purity  $\geq$ 95% as determined by analytical size-exclusion chromatography (SEC)

### Preparation & Storage

<b>Storage</b>	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. This preparation contains no preservatives, thus it should be handled under aseptic conditions.
<b>Shipping</b>	Ice bag

### Background

The NKG2 molecules are a family of lectin-like receptors that form heterodimers with CD94. NKG2/CD94 heterodimer are primarily expressed on NK cells, and a subset of CD8+ T cells. Studies of CD94/NKG2 heterodimers on NK cells have demonstrated that the NKG2 components transduce signals after ligand binding. NKG2A transduces inhibitory signals, while NKG2C and NKG2E transduce activating signals.

None (Azide-Free, Low Endotoxin) are perfectly suited to be used in culture or in vivo (for nonhuman studies) for functional assays blocking, neutralizing, activation or depletion where the presence of azide may damage cells or exogenous endotoxin may signal or activate cells.

### For Research Use Only

## Application References

Pascale Andre, et al. Cell. 2018 Dec 13;175(7):1731-1743.e13.