

## Purified Anti-Mouse CD159a Antibody[16A11]

catalog number: AN006580P

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

### Description

|                     |   |
|---------------------|---|
| <b>Reactivity</b>   | Mouse   |
| <b>Immunogen</b>    | Recombinant Mouse CD159a protein  |
| <b>Host</b>         | Mouse   |
| <b>Isotype</b>      | Mouse IgG2b, $\kappa$   |
| <b>Clone</b>        | 16A11   |
| <b>Purification</b> | >98%, Protein A/G purified  |
| <b>Buffer</b>       | Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer.<br>Dialyze to completely remove the stabilizer prior to labeling. |

### 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. |
| <b>Shipping</b> | Ice bag  |

### Background

CD159a, also known as NKG2A or KLRC1 (killer cell lectin-like receptor subfamily C, member 1), is a 43 kD type II transmembrane protein with extracellular C-type lectin domains. It belongs to the killer cell lectin-like receptor family also known as the NKG2 family. It is expressed on NK and NKT cells and activated CD8+ T cells. NKG2A binds to non-classical MHC class I molecule Qa-1 and causes inhibition of NK cell-mediated target-cell lysis.

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