

# Human NKG2A/CD159a Alexa Fluor® 405-conjugated Antibody

Recombinant Monoclonal Mouse IgG<sub>2A</sub> Clone # 131411R

Catalog Number: FAB1059RV

100 µg

## DESCRIPTION

<b>Species Reactivity</b>	Human
<b>Specificity</b>	Recognizes the human NKG2A/CD94 heterodimer. It does not recognize the NKG2C/CD94 heterodimer or the CD94 homodimer.
<b>Source</b>	Recombinant Monoclonal Mouse IgG <sub>2A</sub> Clone # 131411R
<b>Purification</b>	Protein A or G purified from cell culture supernatant
<b>Immunogen</b>	BaF3 mouse pro-B cell line transfected with human NKG2A and CD94
<b>Conjugate</b>	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm
<b>Formulation</b>	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide.  *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

## APPLICATIONS

**Please Note:** Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

	<b>Recommended Concentration</b>	<b>Sample</b>
<b>Flow Cytometry</b>	0.25-1 µg/10 <sup>6</sup> cells	Human peripheral blood cells and HEK293 Human Cell Line Transfected with Human NKG2A/CD159a and eGFP

## PREPARATION AND STORAGE

<b>Shipping</b>	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
<b>Stability &amp; Storage</b>	<b>Protect from light. Do not freeze.</b> <ul style="list-style-type: none"> <li>12 months from date of receipt, 2 to 8 °C as supplied.</li> </ul>

## BACKGROUND

NKG2A, also known as CD159a, is a type II transmembrane receptor having a single extracellular lectin-like domain and a cytoplasmic ITIM motif. It associates with CD94 and is expressed on NK cells and some activated T cell populations. The NKG2A/CD94 complex delivers an inhibitory signal upon recognition of its ligand, HLA-E.

## PRODUCT SPECIFIC NOTICES

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