

## Product datasheet

# Anti-Ly49C+F+H+I antibody [14B11] (Phycoerythrin) ab25575

### Overview

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<b>Product name</b>	Anti-Ly49C+F+H+I antibody [14B11] (Phycoerythrin)
<b>Description</b>	Syrian Hamster monoclonal [14B11] to Ly49C+F+H+I (Phycoerythrin)
<b>Host species</b>	Syrian hamster
<b>Conjugation</b>	Phycoerythrin. Ex: 488nm, Em: 575nm
<b>Specificity</b>	ab25575 recognises an epitope common to the Ly49C, Ly49F, Ly49H and Ly49I allelic/splice variants.
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse
<b>Immunogen</b>	The details of the immunogen for this antibody are not available.

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C.
<b>Storage buffer</b>	Preservative: 0.09% Sodium azide Constituents: PBS, 16% Sucrose  Also contains a stabilizing agent.
<b>Purity</b>	Affinity purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	14B11
<b>Isotype</b>	IgG

### Applications

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Our [Abpromise guarantee](#) covers the use of **ab25575** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use 0.2µg for 10 <sup>6</sup> cells.

## Target

**Relevance** Ly49C, Ly49F, Ly49H and Ly49I are members of the lectin like homodimeric Ly49 family of cell surface receptors. Mouse Ly49 receptors exhibit allelic specificity for MHC class I Ia molecules and are thought to serve to prevent natural killer (NK) cells from attacking normal cells, while allowing them to attack infected or transformed cells in which class I molecules have been down regulated. These inhibitory receptors are also expressed on a subpopulation of mouse CD8+ T cells.

**Cellular localization** Plasma membrane

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