# Mouse CD69 Alexa Fluor® 750-conjugated Antibody

Antigen Affinity-purified Polyclonal Goat IgG
Catalog Number: AF2386S
100 µg

## DESCRIPTION

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| **Species Reactivity** | Mouse |
| **Specificity** | Detects mouse CD69 in direct ELISAs and Western blots. In direct ELISAs, less than 15% cross-reactivity with recombinant human CD69 is observed. |
| **Source** | Polyclonal Goat IgG |
| **Purification** | Antigen Affinity-purified |
| **Immunogen** | Mouse myeloma cell line NS0-derived recombinant mouse CD69<br>Gly64-Arg199<br>Accession # P37217 |
| **Conjugate** | Alexa Fluor 750<br>Excitation Wavelength: 749 nm<br>Emission Wavelength: 775 nm |
| **Formulation** | Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide<br><br>*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.*

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| **CyTOF-ready** | Optimal dilution of this antibody should be experimentally determined. |
| **Western Blot** | Optimal dilution of this antibody should be experimentally determined. |
| **Flow Cytometry** | Optimal dilution of this antibody should be experimentally determined. |

## PREPARATION AND STORAGE

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| **Shipping** | The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below. |
| **Stability & Storage** | Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied |

## BACKGROUND

CD69, also known as Leu 23, AIM, EA-1 and MLR-3, is a type II transmembrane glycoprotein and is expressed on activated T cells, B cells, NK cells, neutrophils and eosinophils, Langerhans cells and platelets. The C-terminal extracellular domain of mouse CD69 shares approximately 57% amino acid sequence homology with the corresponding region of human CD69.

## PRODUCT SPECIFIC NOTICES

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