

DESCRIPTION

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| Species Reactivity | Mouse |
| Specificity | Detects mouse CD69 in direct ELISAs and Western blots. In direct ELISAs and Western blots, no cross-reactivity with recombinant human CD69 is observed. |
| Source | Monoclonal Rat IgG _{2B} Clone # 310106 |
| Purification | Protein A or G purified from hybridoma culture supernatant |
| Immunogen | Mouse myeloma cell line NS0-derived recombinant mouse CD69 Gly64-Arg199 Accession # P37217 |
| Conjugate | Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm |
| Formulation | Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *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.

| | Recommended Concentration | Sample |
|-----------------------|----------------------------------|------------------------------------|
| Flow Cytometry | 0.25-1 µg/10 ⁶ cells | CTLL-2 mouse cytotoxic T cell line |

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. <ul style="list-style-type: none"> 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.

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