

#### DESCRIPTION

<b>Species Reactivity</b>	Mouse
<b>Specificity</b>	Detects mouse MICL/CLEC12A in direct ELISAs.
<b>Source</b>	Recombinant Monoclonal Rat IgG <sub>2A</sub> Clone # 812303R
<b>Purification</b>	Protein A or G purified from cell culture supernatant
<b>Immunogen</b>	Mouse myeloma cell line NS0-derived recombinant mouse MICL/CLEC12A Thr67-Arg267 Accession # Q504P2
<b>Conjugate</b>	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
<b>Formulation</b>	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.

	<b>Recommended Concentration</b>	<b>Sample</b>
<b>Flow Cytometry</b>	0.25-1 µg/10 <sup>6</sup> cells	Mouse CD11c+ bone marrow cells

#### 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

MICL, also known as killer cell lectin-like receptor 1 (KLR1), is an inhibitory C-type lectin-like receptor that contains an immunoreceptor tyrosine-based inhibitory motif (ITIM). It is a 75 kDa type II membrane protein that is expressed on neutrophils, NK cells, monocytes and dendritic cells. The amino acid sequence of mouse MICL extracellular domain is 53%, 52% and 58% identical to that of human, bovine and canine MICL, respectively.

#### PRODUCT SPECIFIC NOTICES

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