

Technical Data Sheet

Product	<b>Anti-MICA/MICB Alexa Fluor<sup>®</sup> 700</b>
Cat. Number/Size	<b>A7-822-C100</b> <b>0.1 mg</b>
	<b>For Research Use Only.</b>
	<b>Not for use in diagnostic or therapeutic procedures.</b>

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Antigen	MICA/MICB
Clone	6D4
Format	Alexa Fluor <sup>®</sup> 700
Reactivity	Human
Application	FC (QC tested)
Application details	Flow cytometry: Recommended dilution: 1-6 µg/ml.
Excitation laser	red (633 nm)
Isotype	Mouse IgG2a
Specificity	The mouse monoclonal antibody 6D4 recognizes a common extracellular epitope on MICA and MICB glycoproteins, transmembrane ligands of CD314 (NKG2D), and is able to block CD314-mediated activation of NK cells and cytotoxic T cells.
Immunogen	Transfected C1R cells expressing MICA

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Concentration	0.1 mg/ml
Preparation	Purified antibody is conjugated with Alexa Fluor <sup>®</sup> 700 NHS ester under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
Formulation	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage and handling	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.

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Images and References	<a href="http://www.exbio.cz">www.exbio.cz</a>
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