



Technical Data Sheet

Product	Anti-MICA/MICB Alexa Fluor® 700	
Cat. Number/Size	A7-822-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	MICA/MICB	
Clone	6D4	
Format	Alexa Fluor® 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	
Concentration	0.1 mg/ml	
Preparation	Purified antibody is conjugated with Alexa Fluor® 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.	
Images and References	www.exbio.cz	

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