



Monoclonal Mouse IgG_{2A} Clone # 159207 Catalog Number: FAB13001P 100 TESTS, 25 TESTS

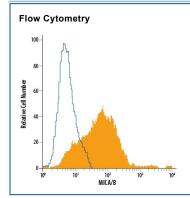
DESCRIPTION			
Species Reactivity	Human		
Specificity	Detects human MICA/B in direct ELISAs.		
Source	Monoclonal Mouse IgG _{2A} Clone # 159207		
Purification	Protein A or G purified from hybridoma culture supernatant		
Immunogen	BaF3 mouse pro-B cell line transfected with human MICA Accession # Q29983		
Conjugate	Phycoerythrin Excitation Wavelength: 488 nm Emission Wavelength: 565-605 nm		
Formulation	Supplied 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	10 μL/10 ⁶ cells	See Below

DATA



Detection of MICA/B in K562 Human Cell Line by Flow Cytometry. K562 human chronic myelogenous leukemia cell line was stained with Mouse Anti-Human MICA/B PEconjugated Monoclonal Antibody (Catalog # FAB13001P, filled histogram) or isotype control antibody (Catalog # IC003P, open histogram). View our protocol for Staining Membrane-associated Proteins.

PREPARATION AND STORAGE

ShippingThe 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

MICA and MICB are stress-induced type I transmembrane proteins that function as ligands for NKG2D. They are distantly related to MHC class I proteins and are expressed on epithelial tumors and in response to infections.

