For Research Use Only

PE Anti-Human MICA/MICB (6D4)

Catalog Number: PE-65161



Basic Information	Catalog Number: PE-65161	GenBank Accession Number: BC016929	Purification Method: The purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography. CloneNo.: 6D4 Excitation/Emission maxima wavelengths: 496 nm, 565 nm / 578 nm		
	Size: 100tests, 5 µl/test Source: Mouse Isotype: IgG2a, kappa	GeneID (NCBI): 100507436 UNIPROT ID: Q29983 Full Name: MHC class I polypeptide-related sequence A			
					Calculated MW: 383 aa, 43 kDa
				Applications	Tested Applications: FC
	Species Specificity: Human				
Background Information	Human MHC class I chain-related genes located within the HLA class I region of chromosome 6 encode MHC class I chain-related A and B (MICA and MICB) (PMID: 11429322). MICA and MICB are stress-inducible surface molecules that are not associated with β 2-microglobulin and do not present peptides (PMID: 9497295). They are expressed in intestinal epithelium and many epithelial tumors (PMID: 10359807). MICA and MICB are ligands for NKG2D which is an activating receptor that is expressed on most natural killer (NK) cells, CD8 α β T cells, and γ δ T cells (PMID: 10426993; 11491531). The monoclonal antibody 6D4 recognizes MICA and MICB.				
Storage	Storage: Store at 2-8°C. Avoid exposure to li Storage Buffer: PBS with 0.09% sodium azide and	ght. Stable for one year after shipment. 0.5% BSA.			

For technical support and original validation data for this product please contact:T: 4006900926E: Proteintech-CN@ptglab.comW: ptgcn.com

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Selected Validation Data





1X10^6 HeLa cells were surface stained with 5 ul PE Anti-Human MICA/MICB (PE-65161, Clone:6D4) or unstained. Cells were not fixed.

1X10^{^6} HeLa cells were surface stained with 5 ul PE Anti-Human MICA/MICB (PE-65161, Clone:6D4) (red) or unstained (blue). Cells were not fixed.