

For Research Use Only

MICA/MICB Recombinant antibody, PBS Only

Catalog Number: 84850-4-PBS



Basic Information

Catalog Number: 84850-4-PBS	GenBank Accession Number: BC016929	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 100507436	CloneNo.: 242004F3
Source: Rabbit	UNIPROT ID: Q29983	
Isotype: IgG	Full Name: MHC class I polypeptide-related sequence A	
	Calculated MW: 383 aa, 43 kDa	
	Observed MW: 38 kDa, 40 kDa	

Applications

Tested Applications:
Indirect ELISA

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). This antibody recognizes both MICA and MICB.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data