Product datasheet

anti-MHC I A mouse monoclonal, 108-2C5, purified

Short overview

Cat. No.	691522
Quantity	1 ml (100 µg/ml)
Concentration	100 µg/ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG1 kappa
Clone	108-2C5
Immunogen	Human PBL
Formulation	PBS with 0.02% sodium azide
UniprotID	Q29983 (Human)
Synomym	MHC class I polypeptide-related sequence A, MIC-A, MICA, PERB11.1
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage	2-8°C
Intended use	Research use only
Application	FACS, IHC
Reactivity	Human

Applications

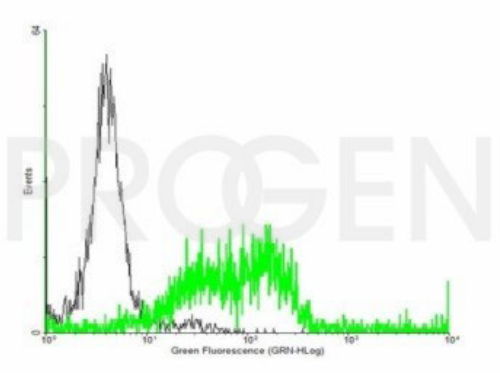
Flow Cytometry (FACS)	0.5-1.0 µg/million cells in 0.1 ml
Immunohistochemistry (IHC) - frozen	1:50-1:100 (1-2 µg/ml)

Background

108-2C5 recognizes an intralocus determinant present on a limited number of HLA-A locus-encoded gene products (HLA-A2, -A3, A28, -A29, -A30, -A31 and -Aw33). Furthermore, by testing its reactivity with HLA-A2 natural variants and mutants, the importance of amino acid residues 79 and/or 80 of the alpha1 domain was demonstrated in the formation of an intralocus HLA-A determinant.

Positive control: THP-1 and Jurkat cells, tonsil or lymph node.

Product images



FACS with HLA-A expressing 293T cells