

Product datasheet

anti-MHC I ABC mouse monoclonal, Bra23/9, purified

Short overview

Cat. No.	691540
Quantity	1 ml (100 µg/ml)
Concentration	100 µg/ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG2a kappa
Clone	Bra23/9
Immunogen	Non-T, non-B human acute lymphoblastic leukemia REH6 cells
Formulation	PBS with 0.02% sodium azide
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage	2-8°C
Intended use	Research use only
Application	ELISA, FACS, IHC, IP
Reactivity	Human

Applications

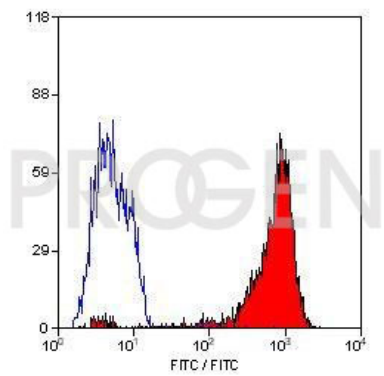
ELISA	Assay dependent
Flow Cytometry (FACS)	0.5-1.0 µg/million cells in 0.1 ml
Immunohistochemistry (IHC) - frozen	1:50-1:100 (1-2 µg/ml)
Immunoprecipitation (IP)	Assay dependent

Background

Bra23/9 reacts with a monomorphic determinant of human major histocompatibility (MHC) class I antigens (HLA-A, B and C). Human MHC class I antigens are expressed constitutively on all nucleated cells and platelets and are absent on erythrocytes. MHC class I antigens play a role in class I MHC-associated antigen presentation, inhibition of NK cell cytotoxicity, tumor surveillance, and tissue allotransplantation.

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

Product images



FACS with human peripheral blood lymphocytes (PBL)