

Product datasheet

anti-Beta-2 microglobulin mouse monoclonal, EBS-O-109, purified

Short overview

Cat. No.	691663
Quantity	1 ml (100 µg/ml)
Concentration	100 µg/ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG2a kappa
Clone	EBS-O-109
Immunogen	Human PBL from a T-ALL patient
Formulation	PBS with 0.02% sodium azide
UniprotID	P61769 (Human)
Synonym	Beta-2-microglobulin [Cleaved into: Beta-2-microglobulin form pl 5.3], B2M, CDABP0092, HDCMA22P
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage	2-8°C
Intended use	Research use only
Application	ELISA, FACS, IHC
Reactivity	Human
No reactivity	Primates

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)

Background

EBS-O-109 reacts with human beta-2 microglobulin, a 22 kDa protein, which associates non-covalently with the 44 kDa alpha-1-chain of the HLA class I complex found on all nucleated cells and on platelets. There is no reaction with erythrocytes, neither with non-human primate cells. The detection of beta-2 microglobulin in body fluids has been used as a tumor marker, renal failure marker and for monitoring patients with HIV infection.

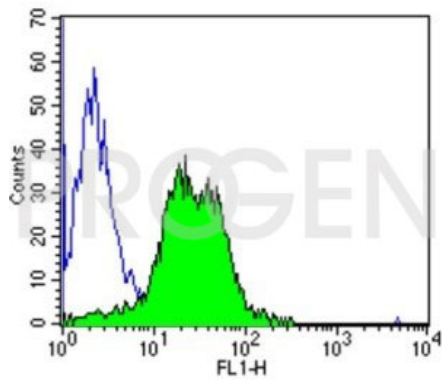
Positive control: human PBL.

Product images

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FACS with Jurkat cells