

Product datasheet

anti-CD16 mouse monoclonal, ICO-116, purified

Short overview

Cat. No.	691563
Quantity	1 ml (100 µg/ml)
Concentration	100 µg/ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG1 kappa
Clone	ICO-116
Immunogen	Human PBL
Formulation	PBS with 0.02% sodium azide
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage	2-8°C
Intended use	Research use only
Application	FACS, ICC/IF, IHC
Reactivity	Human

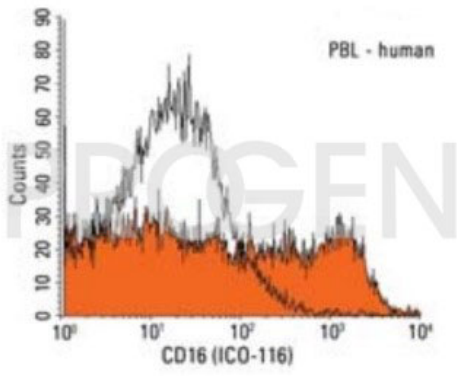
Applications

Flow Cytometry (FACS)	0.5-1.0 µg/million cells in 0.1 ml
Immunocytochemistry (ICC)	1:100-1:200 (0.5-1.0 µg/ml)
Immunohistochemistry (IHC) - frozen	1:50-1:100 (1-2 µg/ml)

Background

ICO-116 specifically recognizes CD16. This molecule also named low affinity Fc receptor for IgG (FcγRIII) exhibits two truncated Ig-like domains and is 50-80 kDa. It is highly expressed on NK-cells, granulocytes and macrophages. ICO-116 binds to 15% peripheral lymphocytes of healthy donors (NK-cells), granulocytes, macrophages. CD16 represents the functional receptor structure for antibody-dependent cellular cytotoxicity. Positive control: K-562 or U-937 cells. Lymph nodes and tonsils.

Product images



FACS with human peripheral blood lymphocytes (PBL)