

Product datasheet

anti-CDw17 mouse monoclonal, EBS-CD-014, purified

Short overview

Cat. No.	691621
Quantity	1 ml (100 µg/ml)
Concentration	100 µg/ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgM kappa
Clone	EBS-CD-014
Immunogen	Beta-2 microglobulin associated proteins from a detergent lysate of 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

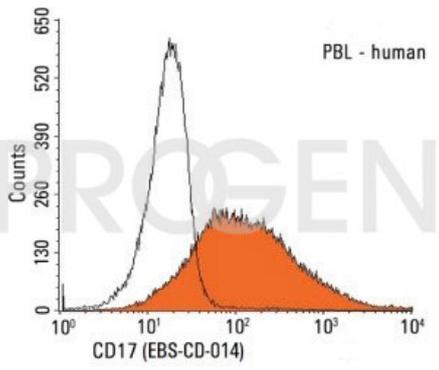
Flow Cytometry (FACS)	0.5-1.0 µg/million cells in 0.1 ml
Immunocytochemistry (ICC)	1:100-1:200 (0.5-1.0 µg/ml)
Immunohistochemistry (IHC) - frozen	1:50-1:100 (1-2 µg/ml)

Background

CDw17 is an intermediate glycosphingolipid from the metabolism of higher gangliosides that localizes to sphingolipid-sterol rafts. CDw17 is found on monocytes, granulocytes, basophils, platelets, a subset of peripheral B-cells (CD19+) and tonsil dendritic cells. It is rapidly downregulated on activated granulocytes and is upregulated on IL-2 activated T-lymphocytes. CDw17 binds to bacteria and may function in phagocytosis. It may also be involved in angiogenesis. Aberrant levels of glycosphingolipids are a feature of cancer cells and may influence integrin clustering and internalization.

Positive control: human PBL and tonsil.

Product images



FACS with human peripheral blood lymphocytes (PBL)