

## Product datasheet

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

#### Short overview

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

#### Product description

<b>Host</b>	Mouse
<b>Antibody Type</b>	Monoclonal
<b>Isotype</b>	IgM kappa
<b>Clone</b>	EBS-CD-014
<b>Immunogen</b>	Beta-2 microglobulin associated proteins from a detergent lysate of human PBL
<b>Formulation</b>	PBS with 0.02% sodium azide
<b>Conjugate</b>	Unconjugated
<b>Purification</b>	Affinity chromatography
<b>Storage</b>	2-8°C
<b>Intended use</b>	Research use only
<b>Application</b>	FACS, ICC/IF, IHC
<b>Reactivity</b>	Human

#### Applications

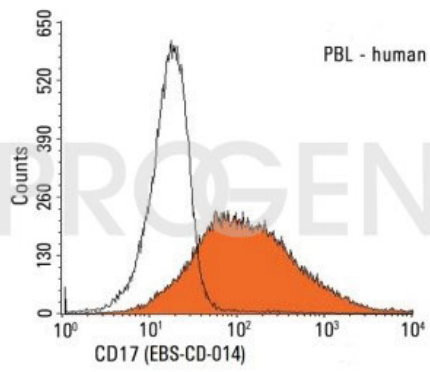
<b>Flow Cytometry (FACS)</b>	0.5-1.0 µg/million cells in 0.1 ml
<b>Immunocytochemistry (ICC)</b>	1:100-1:200 (0.5-1.0 µg/ml)
<b>Immunohistochemistry (IHC) - frozen</b>	1:50-1:100 (1-2 µg/ml)

#### 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)