Product datasheet

anti-CD81 mouse monoclonal, 1.3.3.22, purified

Short overview

Cat. No.	691605
Quantity	1 ml (100 µg/ml)
Concentration	100 µg/ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG1 kappa
Clone	1.3.3.22
Immunogen	B-cell line derived from a Burkitt lymphoma
Formulation	PBS with 0.02% sodium azide
UniprotID	Q969P0 (Human)
Synomym	Immunoglobulin superfamily member 8, IgSF8, CD81 partner 3, Glu-Trp-Ile EWI motif-containing protein 2, EWI-2, Keratinocytes-associated transmembrane protein 4, KCT-4, LIR-D1, Prostaglandin regulatory-like protein, PGRL, CD antigen CD316, IGSF8, CD81P3, EWI2, KCT4
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage	2-8°C
Intended use	Research use only
Application	FACS, ICC/IF, IHC, WB
Reactivity	Human

Applications

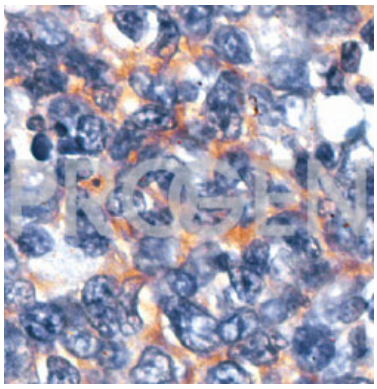
Flow Cytometry (FACS)	1-2 µg/million cells in 0.1 ml
Immunocytochemistry (ICC)	1:50-1:100 (1-2 µg/ml)
Immunohistochemistry (IHC) - frozen	1:50-1:100 (1-2 µg/ml)
Immunohistochemistry (IHC) - paraffin	1:50-1:100 (1-2 µg/ml; microwave treatment in 10 mM citrate buffer pH 6.0 recommended)
Western Blot (WB)	1:50-1:100 (1-2 µg/ml)

Background

1.3.3.22 reacts with human CD81 (TAPA-1), a 24 kDa member of the TM4 superfamily of proteins with four transmembrane domains. MAbs to CD81 have been shown to have anti-proliferative effects on different lymphoid cell lines, particularly those derived from large cell lymphomas. CD81 can associate with CD37 and/or CD53, or on the surface of B-cells with CD19, CD21 and/or MHC class II molecules. 1.3.3.22 was clustered at the VIth WLDA.

Positive control: ramos cells, human tonsil.

Product images



Human tonsil