

Product datasheet

anti-CD41a mouse monoclonal, 96-2C1, purified

Short overview

Cat. No.	691580
Quantity	1 ml (100 µg/ml)
Concentration	100 µg/ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG1 kappa
Clone	96-2C1
Immunogen	Stimulated 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

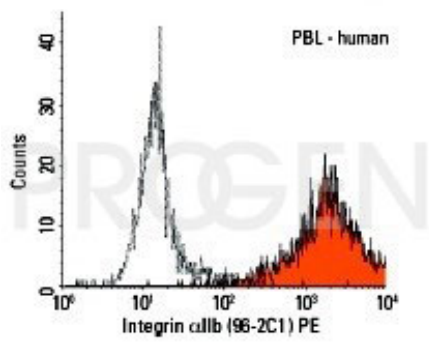
Flow Cytometry (FACS)	1-2 µg/million cells
Immunocytochemistry (ICC)	1:50-1:100 (1-2 µg/ml)
Immunohistochemistry (IHC) - frozen	1:50-1:100 (1-2 µg/ml)

Background

96-2C1 reacts with a calcium-dependent complex of CD41/CD61 (GPIIb/IIIa; integrin IIa/3), a dimer of 90 and 140 kDa, present on the membrane of normal platelets and megakaryocytes. This complex forms the receptor of fibrinogen, fibronectin and Von Willebrand factor, and mediates platelet adhesion and aggregation. MAbs to CD41a have been shown to have anti-proliferative effects on various lymphoid cell lines, particularly those derived from large cell lymphomas. 96-2C1 was typed at the IIId HLDA workshop.

Positive control: KG1a, HEL cells, and human platelets in lymph nodes or tonsils.

Product images



FACS with human peripheral blood lymphocytes (PBL)