Product datasheet

anti-CD84 mouse monoclonal, 152-1D5, purified

Short overview

Cat. No.	691606
Quantity	1 ml (100 µg/ml)
Concentration	100 µg/ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG1 kappa
Clone	152-1D5
Immunogen	MLR stimulated lymphocytes
Formulation	PBS with 0.02% sodium azide
UniprotID	Q9UIB8 (Human)
Synomym	SLAM family member 5, Cell surface antigen MAX.3, Hly9-beta, Leukocyte differentiation antigen CD84, Signaling lymphocytic activation molecule 5, CD antigen CD84, CD84, SLAMF5
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage	2-8°C
Intended use	Research use only
Application	FACS, ICC/IF, IHC, IP, WB
Reactivity	Human

Applications

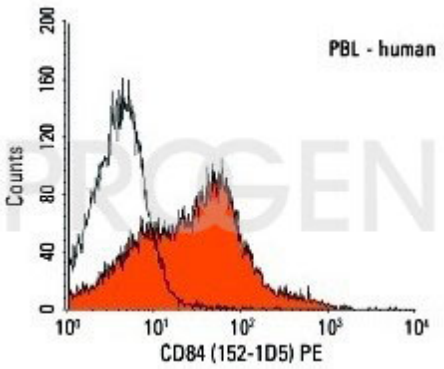
Flow Cytometry (FACS)	1-2 µg/million cells in 0.1 ml
Immunocytochemistry (ICC)	1:50-1:100 (1-2 µg/ml)
Immunohistochemistry (IHC) - frozen	1:50-1:100 (1-2 µg/ml)
Immunoprecipitation (IP)	Assay dependent
Western Blot (WB)	Assay dependent

Background

152-1D5 reacts with human CD84 (Mw 74 kDa). CD84 is expressed on mature B-cells and on B-cell lines, but not on plasma cell lines. Immunohistochemistry demonstrated that it strongly stains tissue macrophages. It is also expressed on platelets and at low levels on blood T-cells. It is a highly N-glycosylated protein and belongs to immunoglobulin superfamily. It may play a role in leukocyte activation, but cellular expression does not significantly increase after activation. 152-1D5 was clustered at the Vth WLDA.

Positive control: Raji, HL60, THP-1, HMC-1, HEL and NAMALWA cells. Human platelets, macrophages and human tonsil.

Product images



FACS with human peripheral blood lymphocytes (PBL)