

Product datasheet

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

Short overview

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| 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) |
| Synonym | 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 |

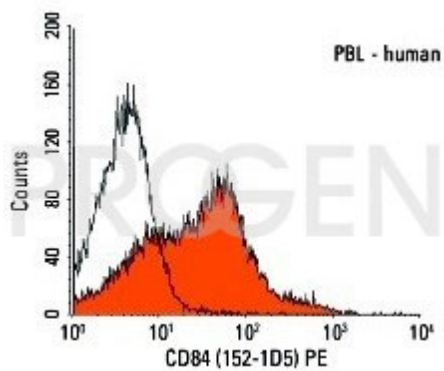
Applications

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| 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.



FACS with human peripheral blood lymphocytes (PBL)