

Datasheet



Mouse mAb to **CD84**
Clone **153-4D9**
Isotype **IgG1-κ**

Source

A BALB/c mouse was immunized with MLR stimulated lymphocytes.
Fusion partner: NS-1.

Specifications

153-4D9 reacts with human CD84 (Mw 74 kDa). CD84 is expressed on mature B-cells and on B-cell line 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. 153-4D9 was clustered at the Vth WLDA.

Species reactivity

Positive: human.

Applications

153-4D9 can be used for frozen sections, immunofluorescence, flow cytometry and immunoblotting.

Flow cytometry	Frozen sections	Immunofluorescence	Western blot
+	+	+	+

Format

Produced in tissue culture, contains no host Ig. Antibodies are affinity purified and presented in PBS with 0,02% sodium azide.

Stored at 4°C-8°C, shelf life is at least 24 months after purchase.

Dilution advice

- Flow cytometry (1-2 µg/million cells in 0,1 ml, at 4°C).
- Immunoblotting (1-2 µg/ml).
- Immunofluorescence (1-2 µg/ml).
- Immunohistology (1-2 µg/ml for 30-60 min at RT; for staining of formalin-fixed tissues no suitable antigen retrieval method is known to date).

Positive control

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

References

- 1.Schlossman SF et al. (eds) Leukocyte Typing V. p.699-700, Oxford University Press, Oxford, (1995).
- De la Fuente, M, et al, Blood 90(6): 2398-2405 (1997).

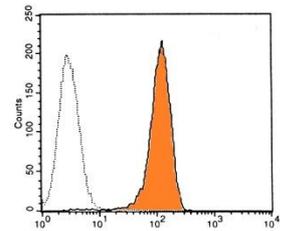


Figure 1: Raji cells stained with 153-4D9 (FACS).