

Datasheet



Mouse mAb to **CD29**
Clone **Moon-4**
Isotype **IgG1-κ**

Source

A BALB/c mouse was immunized with stimulated human leucocytes.
Fusion partner: NSNS-1.

Specifications

Moon-4 is specific for CD29, an adhesion receptor and costimulatory molecule. This antigen was initially characterized as gpIIa on platelets and as the common β 1 subunit of the very late antigen (VLA) protein family. CD29 forms a non-covalent heterodimeric complex with integrin α subunits. It is also mediates adhesion to invasin and thrombospondin.

Species reactivity

Positive: human.

Applications

Moon-4 can be applied in frozen tissue sections, in immunofluorescence and in flow cytometry.

Flow cytometry	Frozen sections	Immunofluorescence
+	+	+

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 (0,5-1,0 μ g/million cells in 0,1 ml).
- Immunofluorescence (0,5-1,0 μ g/ml).
- Immunohistology (1-2 μ g/ml for 30 min at RT; an antigen retrieval method for formalin-fixed tissues is unavailable to date).

Positive control

Human lymphocytes, lymph node or tonsil.

References

- Deaglio, S. et. al, *J Immunol* **160(1)**: 395-402 (1998).
- Levy, Y. et. al, *Int Immunol* **10(7)**: 861-8 (1998).

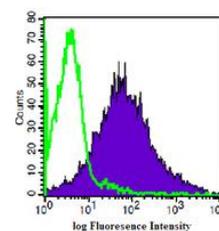


Figure 1: Human PBL stained for CD29 (FACS).