

Datasheet



Mouse mAb to **Macrophage marker**
Clone **D11**
Isotype **IgG1-κ**

Source

A BALB/c mouse was immunized with a membrane preparation from human hepatocytes.
Fusion partner: SP2/0.

Specifications

D11 reacts specifically with human monocytes and macrophages, in all sorts of tissues. The 125/135 kDa antigen is present on the cell membrane as well as within cytoplasmic structures including lysosomes, and is different from CD68. Among tumors, histiocytomas and histiocytic lymphomas are positive. In ALL, positive reaction with D11 indicates B-lineage derivation. AML are negative.

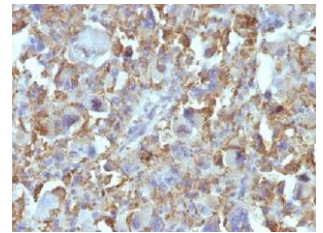


Figure 1: Human histiocytoma stained with D11 (paraffin)

Species reactivity

Positive: human.
Negative: mouse, pig, rat.

Applications

D11 can be used in immunohistochemistry, immunofluorescence tests and immunoblotting.

Flow cytometry	Frozen sections	Immunofluorescence	Paraffin sections	Western blot
+	+	+	Citrate	+

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 for 30 min. at 4°C).
- Immunofluorescence (1-2 µg/ml).
- Immunoblotting (1-2 µg/ml).
- Immunohistology (formalin-fixed: 2-4 µg/ml for 30 min at RT; staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes).

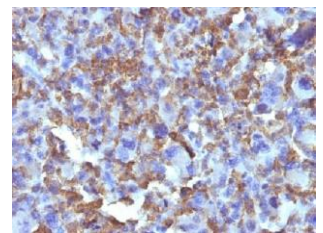


Figure 2: Human histiocytoma stained with D11 (paraffin)

Positive control

Liver or histiocytoma.

Datasheet



References

- Rudinskaya T.D. et al. Immunol Lett. 33(1): 1-7 (1992).
- Frenkel M.A. et al. Gematol Transfuziol. 40(4): 13-16 (1995).
- Tupitsyn N.N et al., Int J Cancer. 68(2): 160-163 (1996).
- Petrovichev N.N et al., Acta Cytol. 41(2): 357-363 (1997).