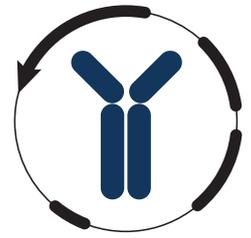


Datasheet



Mouse mAb to **CD3**
Clone **B-B12**
Isotype **IgG1-κ**

Source

A BALB/c mouse was immunized with cells of a human T cell leukemia.
Fusion partner: Sp2/0.

Specifications

B-B12 reacts with 5 invariable CD3-chains: CD3γ or gp26, CD3δ or gp20, CD3ε or gp20, CD3f or p16 (homodimer), CD3n or p28. Molecular mass: 25-28, 20 and 16 kDa. The main reactivity is with T cells, including thymocytes, mature T cells and T cell lines.

Species reactivity

Positive: human.

Applications

B-B12 can be applied for specific detection of CD3 T lymphocytes in peripheral blood and in frozen tissue sections and in extension for the characterization of immunodeficiency, leukemias and lymphomas.

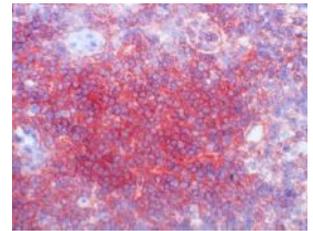


Figure 1: Human tonsil stained with B-B12 (frozen).

Flow cytometry	Immunofluorescence	Frozen sections	Paraffin sections
+	+	+	-

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 (0.5-2,0 µg/million cells in 0,1 ml for 30 min, at 4°C).
- Immunofluorescence (0.5-2,0 µg/ml).
- Immunohistology (1-2 µg/ml for 30 min at RT; no suitable antigen retrieval procedure is known to date for formalin-fixed tissues).

Positive control

Human lymph nodes and tonsils.

Datasheet



References

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