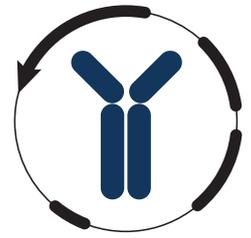


Datasheet



Mouse mAb to **Fibronectin**
Clone **618**
Isotype **IgG1-κ**

Source

A BALB/c mouse was immunized with fibronectin secreted by embryonic human fibroblasts.
Fusion partner: P3-X63-Ag8.653.

Specifications

618 Recognizes an epitope contained within the gelatin binding domain of human fibronectin. Fibronectins, 220 kDa monomer; 440 kDa dimer, are present in basement membranes, interstitial connective tissue matrix, and blood. Cellular fibronectin is widely distributed in the stroma of many malignant tumors.

Species reactivity

Positive: human.
Negative: dog, ferret.

Applications

618 Is recommended for detection of second-third type III repeats of human fibronectin by Western blotting, immunofluorescence tests and immunohistochemistry (frozen sections).

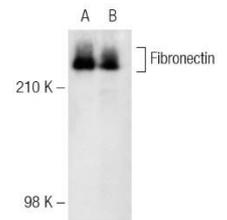


Figure 1: 618 reacting on Western blot with (A) human platelet extract (B) HT-1080 whole cell lysate

Flow cytometry	Frozen sections	Immunofluorescence	Paraffin sections	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).
- Immunoblotting (1 µg/ml for 2h at RT).
- Immunofluorescence (1-2 µg/ml).
- Immunohistology (1-2 µg/ml for 30-60 min at RT; for staining of formalin-fixed tissues no pre-treatment necessary).

Positive control

Human kidney, human platelets, Hep G2 cells, U-87 MG cells.

References

- Ljubimov, A.V. et al. Exp. Cell Res. 165,530-40 (1986).