

# Datasheet



Mouse mAb to **Fibronectin**  
Clone **568**  
Isotype **IgG1-κ**

## Source

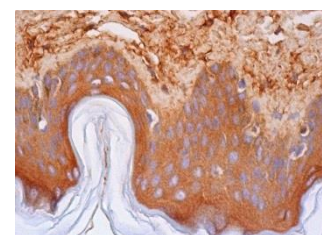
A BALB/c mouse was immunized with a high molecular fraction of proteins secreted by cultured human fibroblasts. Fusion partner: P3-C63-Ag8.653.

## Specifications

568 Reacts with the 8<sup>th</sup> type III repeat in the cell-binding domain of human fibronectin (220 kDa monomer; 440 kDa, dimer). Fibronectins are present in basement membranes, intestinal connective tissue matrix, and blood. Cellular fibronectin is widely distributed in the stroma of many malignant tumors.

## Species reactivity

Positive: human, mouse.  
Negative: dog, ferret.



**Figure 1:** Human skin stained with 568 (paraffin)

## Applications

568 Is excellent for staining of formalin-fixed, paraffin-embedded tissues. 568 Also works well in immunofluorescence tests.

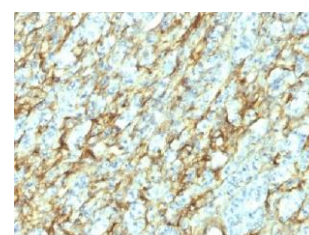
Flow cytometry	Frozen sections	Immunofluorescence	Paraffin sections	Western blot
+	+	+	Tris/EDTA	+

## 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; staining of formalin-fixed tissues requires boiling tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 10-20 min followed by cooling at RT for 20 minutes.



**Figure 2:** Renal cancer stained with 568 (paraffin)

## Positive control

Paraffin sections of normal human breast, MCF-7 cells or A431 cell lysate.

# Datasheet



## References

- Christensen, L. et al, *APMIS* **98(7)**: 615-623 (1990).
- Christensen, L. et al, *APMIS* **suppl. 26**: 1-39 (1992).
- Yong, J.L. et al, *Int J Clin Exp Pathol* **3(2)**: 210-216 (2010).