

## Product datasheet for **DM198**

### Fibronectin (FN1) Mouse Monoclonal Antibody [Clone ID: 568]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	568
Applications:	IHC, IP, R, WB
Recommended Dilution:	<b>Immunoblotting.</b> <b>Cell preparations.</b> <b>Immunohistochemistry on Frozen Sections.</b> <b>Immunohistochemistry on Paraffin Sections</b> (after microwave treatment). <i>Working Dilutions:</i> 1/5-1/10. <i>Incubation time:</i> 1 h at room temperature. <i>Recommended Positive Control:</i> Human skin, ulcerating tissue.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	High molecular weight proteins secreted by cultivated Human fibroblasts.
Specificity:	This antibody 568 reacts with the cell binding part of the Fibronectin molecule. Fibronectin seems to play a key role in the tumor cell extracellular matrix during in-vasive tumor growth. Increasing expression of stro-mal fibronectin has been reported during tumor pro-gression. In immunohistochemistry the antibody is reactive with an extracellular matrix glycoprotein in vessels and connective tissue.
Formulation:	PBS State: Supernatant State: Liquid Culture Supernatant Stabilizer: 1% BSA Preservative: 0.09% Sodium Azide
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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**Gene Name:** fibronectin 1

**Database Link:** [Entrez Gene 2335 Human P02751](#)

**Background:** Fibronectin is a glycoprotein present in a soluble dimeric form in plasma, and in a dimeric or multimeric form at the cell surface and in extracellular matrix. Fibronectin is involved in cell adhesion and migration processes including embryogenesis, wound healing, blood coagulation, host defense, and metastasis. They occur as dimers of two 250 kDa subunits. They have binding domains for bacterial proteins, collagens, heparin-like molecules and fibrin. Cellular fibronectin is widely distributed in the stroma of malignant tumours.

**Synonyms:** FN1, Cold-insoluble globulin, CIG