

Datasheet for ABIN6937240 **anti-Fibronectin 1 antibody**

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Overview

Quantity:	100 µg
Target:	Fibronectin 1 (FN1)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Immunofluorescence (IF), Flow Cytometry (FACS), Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

Product Details

Immunogen:	High molecular weight proteins secreted by cultivated human fibroblasts
Clone:	568
Isotype:	IgG1 kappa
Specificity:	Epitope of this MAb is located in the 8th type III repeat in the cell-binding region of fibronectin. Fibronectins are disulfide-linked, dimeric glycoproteins of ~440 kDa. They possess at least four binding sites for collagen, glycosaminoglycans, transglutaminase, and a cell surface receptor. Fibronectins are involved in cell adhesion, tissue organization, and wound healing. Fibronectins are present in basement membranes, interstitial connective tissue matrix, and blood. Cellular fibronectin is widely distributed in the stroma of many malignant tumors. This MAb is excellent for staining of formalin-fixed, paraffin-embedded tissues.
Cross-Reactivity (Details):	Human.
Purification:	1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target:	Fibronectin 1 (FN1)
Alternative Name:	FN1 (FN1 Products)
Background:	Cold insoluble globulin (CIG), FINC, FN1, FNZ, GFND, GFND2, LETS, Migration stimulating factor (MSF), Ugl-Y3,Fibronectin (8th Type III Repeat) Cellular localisation: Connective tissue matrix
Molecular Weight:	220kDa (monomer), 440kDa (dimer)
Gene ID:	2335, 203717
UniProt:	P02751
Pathways:	Cellular Response to Molecule of Bacterial Origin , Carbohydrate Homeostasis , Autophagy

Application Details

Application Notes:	Known_Application: Flow Cytometry (1-2 µg/million cells), Immunofluorescence (1-2 µg/mL), Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined. Positive_Control: SW156 cells. Kidney.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Prepared in 10 mM PBS, WITHOUT BSA and Azide.
Preservative:	Azide free
Storage:	-20 °C,-80 °C
Storage Comment:	Antibody without azide store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.
Expiry Date:	24 months