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36-2305: Anti-Fibronectin (Cellular & Plasma) Monoclonal Antibody(Clone: TV-1)

Clonality :	Monoclonal
Clone Name :	TV-1
Application :	FACS,IF,IHC
Reactivity :	Human, Mouse, Rat
Gene :	FN1
Gene ID :	2335
Uniprot ID :	P02751
Alternative Name :	Cold insoluble globulin (CIG); FINC; FN1; FNZ; GFND; GFND2; LETS; Migration stimulating factor (MSF); ÂµgI-Y3
Isotype :	Mouse IgG1, kappa
Immunogen Information :	T-cell lymphoma biopsy

Description

Fibronectin is a soluble dimeric glycoprotein of 440kDa, which is present in cells, extracellular matrix, and blood. This MAb reacts with the cellular as well as plasma form of fibronectin. Reportedly, after iv administration, this MAb localizes to tumor vessels where it binds to the underlying basement. Epitope recognized by this antibody is not accessible in normal tissues to the circulating MAb indicating that it can be used to specifically target tumor vessels in vivo. TV-1 is reportedly useful for delivering vasoactive agents to tumors to induce increased vascular permeability or blood flow prior to treatment with chemotherapeutic drÂµgs or MAbs.

Product Info

Amount :	20 µg / 100 µg
Content :	200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Storage condition :	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

Application Note

Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml); Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95&degC followed by cooling at RT for 20 minutes)

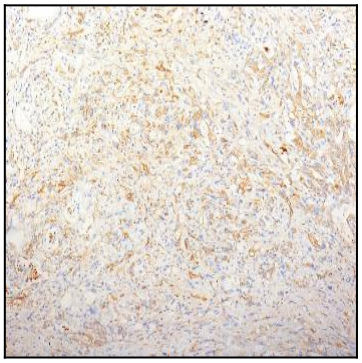

Fig. 1: Formalin-fixed, paraffin-embedded human Pancreatic Adenocarcinoma stained with Fibronectin Monoclonal Antibody (TV-1).