

Anti-Fibronectin Fn1 Monoclonal Antibody

Catalog Number: MA1116

About Fn1

Fibronectin, 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. Cellular fibronectin is a 550KDa glycoprotein existing as two heterodimers, different from plasma fibronectin in the presence of additional polypeptide segments and in altering morphology of transformed cells and hemagglutination.

Overview

Product Name	Anti-Fibronectin Fn1 Monoclonal Antibody
Reactive Species	Chicken, Human, Mouse
Description	Boster Bio Anti-Fibronectin Fn1 Monoclonal Antibody catalog # MA1116. Tested in IHC, ICC, WB applications. This antibody reacts with Chicken, Human, Mouse.
Application	IHC, ICC, WB
Clonality	Monoclonal FN-15
Formulation	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative.
Storage Instructions	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	P04937

Technical Details

Immunogen	Fibronectin from human plasma.
Predicted Reactive Species	Bovine, Canine, Chicken, Hamster, Horse, Monkey, Rabbit, Zebrafish
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Mouse IgG (EK1001) for Western blot, and HRP Conjugated anti-Mouse IgG Super Vision Assay Kit (SV0001-1) for IHC(P), IHC(F) and ICC.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Mouse IgG1
Form	Lyophilized
Concentration	Adding 1 ml of PBS buffer will yield a concentration of 100 ug/ml.

Purification	Ascites
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>Immunohistochemistry (Paraffin-embedded Section), 1-2ug/ml, Human, chicken, mouse, By Heat</p> <p>Immunocytochemistry , 1ug/ml, Human, chicken, mouse, -</p> <p>Immunohistochemistry (Frozen Section), 1-2ug/ml, Human, chicken, mouse, -</p> <p>Western blot, 1-2ug/ml, Human, chicken, mouse</p>

Anti-Fibronectin Fn1 Monoclonal Antibody (MA1116) Images



Boster Kit Box

26 Publications Citing This Product

1. PubMed ID: 10.1096/fj.201800296R, Cdk5-mediated phosphorylation regulates phosphatidylinositol 4-phosphate 5-kinase type I gamma 90 activity and cell invasion
2. PubMed ID: 33564685, Zhang X,Ke PX,Yuan X,Zhang GP,Chen WL,Zhang GS. Forskolin Protected against Streptozotocin-Induced Diabetic Cardiomyopathy via Inhibition of Oxidative Stress and Cardiac Fibrosis in Mice. Biomed Res Int.2021 Jan 29;2021:8881843.doi:10.1155/2021/8881843.PM
3. PubMed ID: 33389493, Xu L,Sun N,Li G,Liu L.LncRNA H19 promotes keloid formation through targeting the miR-769-5p/EIF3A pathway.Mol Cell Biochem.2021 Jan 3.doi:10.1007/s11010-020-04024-x.Epub ahead of print.PMID:33389493.

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