

Anti-Fibronectin [Fn-3]

Catalogue number: 151098

Sub-type: Primary antibody

Images: https://res.cloudinary.com/ximbio/image/upload/c_fit/429f02ca-9e7d-4834-bd3e-e23082116ffa.jpg

Contributor

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Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Fibronectin [Fn-3]

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: Monoclonal antibody capable of differentiating between cellular and plasma fibronectin, in healthy cells or tumours.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: FR5 cells, derived by SV40 transformation of human mammary epithelial cells.

Immunogen UNIPROT ID: P02751

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Fibronectin

Target alternate names:

Target background: Fibronectin is a widely expressed extracellular matrix glycoprotein that exists in two forms, a soluble plasma form and a less soluble cellular form. Fibronectin is involved in cell adhesion, maintenance of cell shape and migration processes including embryogenesis, wound healing, blood coagulation, host defence, and metastasis. Cellular fibronectin is often found in the stroma of malignant tumours. Fn-3 can distinguish between human cellular and plasma fibronectin, thus making it possible to analyse the origin and levels of different types of fibronectin in normal human tissues and their related tumours.

Molecular weight:

Ic50:

Applications

Application: IHC ; IF ; IP ; WB

Application notes:

Handling

Format: Liquid

Concentration: 1 mg/ml

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer: PBS with 0.02% azide

Storage conditions: Store at -20° C frozen. Avoid repeated freeze / thaw cycles

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Jaganathan et al. 2011. PLoS One. 6(5):e19605. PMID: 21573184. ; A Fn nuclear epidermal growth factor receptor, SRC and Stat3 heteromeric complex in pancreatic cancer cells. ; Gibson et al. 2009. PLoS One. 4(9):e7222. PMID: 19787046. ; Roles of specific membrane lipid domains in EGF receptor activation and cell adhesion molecule stabilization in a developing olfactory system. ; Berger et al. 1987. J Pathol. 152(4):297-307. PMID: 3668732. ; Epidermal growth factor receptors in lung tumours. ; Gullick et al. 1986. Cancer Res. 46(1):285-92. PMID: 2998607. ; Expression of epidermal growth factor receptors on human cervical, ovarian, and vulval carcinomas.

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