

Anti-Fibronectin [G4] Standard Size Ab00635-10.0

This full-length, reformatted human antibody was made using the variable domain sequences of the original Human scFv format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgG1, Kappa

Clone Number: G4

Alternative Name(s) of Target: EDB(+) FN; ED-B domain of fibronectin; Extra domain-B containing fibronectin

UniProt Accession Number of Target Protein: P02751

Published Application(s): Biacore, WB, ELISA, IHC-Fr

Published Species Reactivity: Human

Immunogen: 2D-PAGE gel isolated human Extra-Domain containing fibronectin from lysate of human melanoma COLO-38 cells.

Specificity: This antibody binds to the ED-B domain of human fibronectin.

Application Notes: Fibronectins are involved in cell adhesion, cell motility, opsonization, wound healing, and maintenance of cell shape. Extra domain-B containing fibronectin has been proposed marker of angiogenesis, has been shown to be expressed in a number of human cancers and in ocular neovascularization in patients with proliferative diabetic retinopathy.

Antibody First Published in: Pini et al. Design and use of a phage display library. Human antibodies with subnanomolar affinity against a marker of angiogenesis eluted from a two-dimensional gel. J Biol Chem. 1998 Aug 21;273(34):21769-76. [PMID:9705314](#)

Note on publication: Describes generation, using phage display, of antibodies with subnanomolar affinity against markers of angiogenesis.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration:

1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.