

Anti-Fibronectin [MOR 02619] Standard Size Ab02449-10.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

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

Isotype and Format: Human IgG1, Fc Silent™, Lambda

Clone Number: MOR 02619

Alternative Name(s) of Target: FN; ED-B domain of fibronectin; cold-insoluble globulin; CIG

UniProt Accession Number of Target Protein: P02751

Published Application(s): functional assay, ELISA, IHC

Published Species Reactivity: Human

Immunogen: The original antibody was created by panning against the HuCAL GOLD antibody library.

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

Application Notes: The antibody was used for ELISA on the ED-B domain of fibronectin (US7785591). The affinity of this antibody was determined using surface plasmon resonance (US7785591).

Immunohistochemistry was performed on human neuroblastoma cell-IRM xenotransplants as well as on murine F9-teratocarcinoma cells using this antibody. It showed vascular localization in these tissues. But it shows no staining of vessels on normal tissue (US7785591).

Antibody First Published in: Menrad et al. Identification and characterization of function-blocking anti-ED-B-fibronectin antibodies. US7785591 [PMID:](#)

Note on publication:

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.