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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Fibronectin [L19] Standard Size Ab02644-10.3

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

This 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, Fc Silent™, Kappa

Clone Number: L19

Alternative Name(s) of Target: FN; Cold-insoluble globulin; CIG

UniProt Accession Number of Target Protein: P02751

Published Application(s): RIA, ELISA, IF, IHC

Published Species Reactivity: Human

Immunogen: The original antibody was generated using phage display from a human antibody library.

Specificity: This antibody binds EDB domain of fibronectin.

Application Notes: ELISA was performed on biotinylated ED-B using this antibody (US8097254). An radioimmunoassay was performed on mice with subcutaneously implanted murine F9' teratocarcinoma using this antibody (US8097254). This antibody was used for immunohistochemistry on the corneas of New Zealand white rabbits (US8097254). Immunofluorescence was performed on corneas of New Zealand white rabbits using this antibody (US8097254). Tissues from patients with HNSCC were used for immunohistochemistry using this antibody (Birchler et al, 2003; pmid:12838025). A SPECT/CT was performed on patients with SCC injected with a radiolabeled version of this antibody (Birchler et al, 2007; pmid:17418248). ELISA was performed on the ED-B domain of FN using different formats of this antibody (Borsi et al, 2002; pmid:12353237).

Antibody First Published in: Birchler et al. Expression of the Extra Domain B of Fibronectin, a Marker of Angiogenesis, in Head and Neck Tumors. Laryngoscope. 2003 Jul;113(7):1231-7. [PMID:12838025](#)

Note on publication: In view of the diagnostic and therapeutic clinical applications of the L19 antibody, which is specific for the ED-B domain of fibronectin, a prospective immunohistochemical analysis of different head and neck tumors was performed.

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.