

# Anti-TNC-C [2D3.1]

**Catalogue number:** 160460

**Sub-type:** Primary antibody

**Images:**

## Contributor

**Inventor:** Tambet Teesalu

**Institute:** University of Tartu

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-TNC-C [2D3.1]

**Alternate name:**

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** Oncofetal fibronectin (FN-EDB) and tenascin-C C domain (TNC-C) are nearly absent in extracellular matrix of normal adult tissues but upregulated in malignant tissues. Both FN-EDB and TNC-C are developed as targets of antibody-based therapies. This series of antibodies has been validated in vitro against glioblastoma (GBM) and prostate carcinoma xenografts, and to non-malignant angiogenic neovessels induced by VEGF-overexpression. Please see our related anti-FN-EDB antibodies from Universit...

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:**

**Reactivity:** Human

**Selectivity:**

**Host:** Mouse

**Immunogen:**

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** Tenascin-C, TNC-C

**Target alternate names:**

**Target background:** Oncofetal fibronectin (FN-EDB) and tenascin-C C domain (TNC-C) are nearly absent in extracellular matrix of normal adult tissues but upregulated in malignant tissues. Both FN-EDB and TNC-C are developed as targets of antibody-based therapies. This series of antibodies has been validated in vitro against glioblastoma (GBM) and prostate carcinoma xenografts, and to non-malignant angiogenic neovessels induced by VEGF-overexpression. Please see our related anti-FN-EDB antibodies from Universit...

**Molecular weight:**

**Ic50:**

## Applications

**Application:** ELISA ; IHC ; IF

**Application notes:**

## Handling

**Format:** Liquid

**Concentration:**

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:**

**Storage conditions:**

**Shipping conditions:** Shipping at 4° C

## Related tools

**Related tools:**

## References

**References:** Lingasamy et al. 2019. Biomaterials. 219:119373. PMID: 31374479.

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