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# Tenascin Rabbit mAb

Catalog # AP77453

## Product Information

| | |
|---|---|
| **Application** | WB |
| **Primary Accession** | P24821 |
| **Reactivity** | Human |
| **Host** | Rabbit |
| **Clonality** | Monoclonal Antibody |
| **Isotype** | IgG |
| **Conjugate** | Unconjugated |
| **Immunogen** | A synthesized peptide derived from human Tenascin C |
| **Purification** | Affinity Chromatography |
| **Calculated MW** | 240853 |

## Additional Information

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|---|---|
| **Gene ID** | 3371 |
| **Other Names** | TNC |
| **Dilution** | WB~~1/500-1/1000 |
| **Format** | Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol. |
| **Storage** | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |

## Protein Information

| | |
|---|---|
| **Name** | TNC |
| **Synonyms** | HXB |
| **Function** | Extracellular matrix protein implicated in guidance of migrating neurons as well as axons during development, synaptic plasticity as well as neuronal regeneration. Promotes neurite outgrowth from cortical neurons grown on a monolayer of astrocytes. Ligand for integrins alpha-8/beta-1, alpha-9/beta-1, alpha-V/beta-3 and alpha- V/beta-6. In tumors, stimulates angiogenesis by elongation, migration and sprouting of endothelial cells (PubMed:19884327). |
| **Cellular Location** | Secreted, extracellular space, extracellular matrix |
| **Tissue Location** | Detected in fibroblasts (at protein level). |

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.