

Product Name: Tenascin C (7E16) Rabbit Monoclonal Antibody
Catalog #: AMRe18788



Summary

Production Name	Tenascin C (7E16) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Immunogen

Gene Name	TNC Tenascin; TN; Cytotactin; GMEM; GP 150-225; Glioma-associated-extracellular matrix
Alternative Names	antigen; Hexabrachion; JI; Myotendinous antigen; Neuronectin; Tenascin C; TN-C; TNC; HXB
Gene ID	3371.0
SwissProt ID	P24821.

Application

Dilution Ratio	WB 1:500-1:2000
Molecular Weight	241kDa

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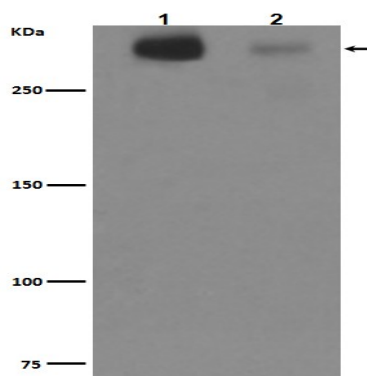


Background

The tenascin family of extracellular matrix proteins includes Tenascin-C (also designated cytotactin or Tenascin), Tenascin-R (also designated restrictin, TN-R or janusin) and Tenascin-X. Tenascin proteins function as substrate-adhesion molecules (SAMs) and are involved in regulating numerous developmental processes, such as morphogenetic cell migration and organogenesis. The tenascin family proteins arise from various splicing events in the region of coding for FNIII repeats. 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 α -8/ β -1, α -9/ β -1, α -V/ β -3 and α -V/ β -6. In tumors, stimulates angiogenesis by elongation, migration and sprouting of endothelial cells (PubMed:[19884327](http://www.uniprot.org/citations/19884327)).

Research Area

Image Data



Western blot analysis of Cytotactin C expression in (1)Human fetal brain lysate;(2)Human fetal kidney lysate.

Note

For research use only.