

Product Information

Recombinant Human Anti-Human Tenascin C Monoclonal Antibody

Cat. No.: **HOM-19475**

This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant humanized antibody expressed in CHO binding to human Tenascin C.

Antigen Description

Tenascin C (TN-C) is a glycoprotein that in humans is encoded by the TNC gene. It is expressed in the extracellular matrix of various tissues during development, disease or injury, and in restricted neurogenic areas of the central nervous system. Tenascin-C is the founding member of the gene family (Tenascin). In the embryo it is made by migrating cells like the neural crest; it is also abundant in developing tendons, bone and cartilage.

Target

TNC

Species Reactivity

Human

Type

Human IgG

Expression Host

CHO

Clone

Monoclonal

Purity

>95.0% as determined by analysis by RP-HPLC & analysis by SDS-PAGE.

Applications

ELISA, WB, IHC, FCM, IP, IF. Optimal dilutions/concentrations should be determined by the end user.

Molecular Weight

145.41 kDa

Stability

Samples are stable for up to twelve months from date of receipt at -20°C and are stable for six months at 4 °C.

Storage

Store it under sterile conditions at -20 °C upon receiving. Recommend to pack the antibody into smaller quantities for optimal storage.

Ship

2-8°C, BLUE ICE

ANTIGEN GENE INFORMATION

Gene Name

[TNC tenascin C \[Homo sapiens \]](#)

Official Symbol

TNC

Synonyms

TNC; tenascin C; hexabrachion (tenascin C, cytotactin) , HXB; tenascin; hexabrachion (tenascin); MGC167029; TN; GP 150-225; cytotactin; neuronectin; myotendinous antigen; tenascin-C isoform 14/AD1/16; glioma-associated-extracellular matrix antigen; GP; JI; HXB; GMEM; TN-C; 150-225;

Gene ID

[3371](#)

mRNA Refseq

[NM_002160](#)

Protein Refseq

[NP_002151](#)

MIM

[187380](#)

UniProt ID

P24821

Chromosome Location

9q32-q34

Pathway

ECM-receptor interaction, organism-specific biosystem; ECM-receptor interaction, conserved biosystem; Focal Adhesion, organism-specific biosystem; Focal adhesion, organism-specific biosystem; Focal adhesion, conserved biosystem; Integrin cell surface interactions, organism-specific biosystem; Signal Transduction, organism-specific biosystem;

Function

binding; receptor binding; syndecan binding;