Product datasheet

Anti-Tenascin C antibody [DB7] ab86182

Overview

Product name: Anti-Tenascin C antibody [DB7]

Description: Mouse monoclonal [DB7] to Tenascin C

Host species: Mouse

Specificity: ab86182 reacts with the fibrinogen like knob domain of Tenascin C.

Tested applications:
- Suitable for: IP, WB, IHC-P, ICC/IF

Species reactivity: Reacts with: Human

Immunogen: Tenascin polypeptides from spent culture supernatant of human fibroblasts isolated by affinity chromatography.

General notes: ab86182 is derived from the hybridoma produced by fusion between myeloma cells and Balb/c spleen cells.

Properties

Form: Liquid

Storage instructions: Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.

Storage buffer: Preservative: 0.1% Sodium azide
- Constituents: 1% BSA, PBS

Purity: Protein G purified

Primary antibody notes: ab86182 is derived from the hybridoma produced by fusion between myeloma cells and Balb/c spleen cells.

Clonality: Monoclonal

Clone number: DB7

Isotype: IgG2a

Applications

Our Abpromise guarantee covers the use of ab86182 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
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.

Sequence similarities

Belongs to the tenascin family.
Contains 15 EGF-like domains.
Contains 1 fibrinogen C-terminal domain.
Contains 15 fibronectin type-III domains.

Cellular localization

Secreted > extracellular space > extracellular matrix.

Images

Immunohistochemical analysis of Human cornea tissue, staining Tenasin C with ab86182.

Tissue was taken from healthy patients (left) or patients with granular dystrophy (right). Sections were blocked with blocking solution for 30 minutes at room temperature before incubation with primary antibody (1/50) overnight at 4°C. Staining was detected with DAB.

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