Mouse/Rat Tenascin R Antibody

Monoclonal Mouse IgG_1 Clone # 619

Catalog Number: MAB1624

DESCRIPTION

Species Reactivity	Mouse/Rat
Specificity	Detects mouse and rat Tenascin R in Western blots.
Source	Monoclonal Mouse IgG_1 Clone # 619
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	“rest L2” fraction from bovine brain
Formulation	Lyophilized from a 0.2 μm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 μm filtered solution in PBS.

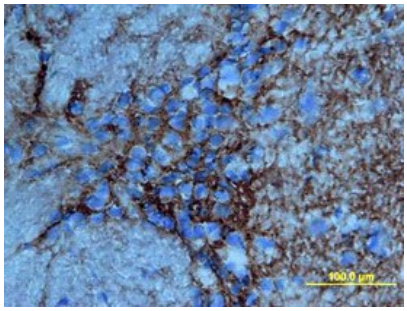
APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

	Recommended Concentration	Sample
Western Blot	1 µg/mL	Recombinant Mouse and Rat Tenascin R
Immunohistochemistry	8-25 µg/mL	See Below

DATA

Immunohistochemistry



Tenascin R in Rat Brain . Tenascin R was detected in perfusion fixed frozen sections of rat brain using Mouse Anti-Mouse/Rat Tenascin R Monoclonal Antibody (Catalog # MAB1624) at 1 µg/mL overnight at 4 °C. Tissue was stained using the Anti-Mouse HRP-DAB Cell & Tissue Staining Kit (brown; Catalog # CTS002) and counterstained with hematoxylin (blue). View our protocol for Chromogenic IHC Staining of Frozen Tissue Sections.

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	**Use a manual defrost freezer and avoid repeated freeze-thaw cycles.** ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

Tenascin R is an extracellular matrix glycoprotein belonging to the Tenascin family of multidomain adhesion molecules. It is expressed exclusively in the central nervous system and affects neuronal cell migration and neurite extension. Mouse and rat Tenascin R share 97% amino acid sequence homology.

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