Human NETO1 Antibody

Monoclonal Mouse IgG_1 Clone # 532509

Catalog Number: MAB4337

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human NETO1 in direct ELISAs.
Source	Monoclonal Mouse IgG_1 Clone # 532509
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Chinese hamster ovary cell line CHO-derived recombinant human NETO1 isoform 3 Thr23-Val345 Accession # Q8TDF5
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 either lyophilized or 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
Immunohistochemistry	8-25 µg/mL	Immersion fixed paraffin-embedded sections of human brain (cortex)

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

Neuropilin and tolloid-like protein 1 (NETO1), also known as Brain-specific transmembrane protein containing 2 CUB and 1 LDL-receptor class A domains protein 1 (BTCL1), is a type I transmembrane protein that is expressed in the brain and retina. The 511 amino acid residue mature human NETO1 contains an extracellular domain with two CUB domains (aa 41-155 and 172-287), and one class A LDL-receptor segment (aa 292-326). Three human NETO1 splice isoforms exist, including a secreted soluble variant that shows an Asp-to-Glu transition at residue 157 followed by a premature truncation. Over aa 23-345, human NETO1 shares 97% and 98% aa identity with mouse and canine NETO1, respectively.

Global bio-techne.com info@bio-techne.com techsupport@bio-techne.com TEL +1 612 379 2956
USA TEL 800 343 7475 Canada TEL 855 668 8722 China TEL +86 (21) 52380373
Europe | Middle East | Africa TEL +44 (0)1235 529449