Human LINGO-2 Antibody

Monoclonal Mouse IgG_{2B} Clone # 382008

Catalog Number: MAB3679

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human LINGO-2 in direct ELISAs and Western blots. In direct ELISAs and Western blots, no cross-reactivity with recombinant human LINGO-1 is observed.
Source	Monoclonal Mouse IgG_{2B} Clone # 382008
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human LINGO-2 Cys28-Leu542 Accession # Q7L985
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
Western Blot	1 µg/mL	Recombinant Human LINGO-2

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

Human LINGO-2 (LRR and Ig domain-containing, Nogo Receptor-interacting protein 2; also known as Leucine-rich repeat neuronal 6C (LRRN6C) or LERN3), type I transmembrane protein in the neuronal leucine-rich repeat family. These proteins have a signal peptide, 12 extracellular leucine-rich repeats flanked by N-terminal and C-terminal cysteine-rich sequences, an immunoglobulin-like domain, a transmembrane domain and a short cytoplasmic tail. An alternate start site may exist at Met148 of the precursor. Human LINGO-2 is a highly conserved, 606 amino acid protein that shares 99% and 98% aa sequence identity with canine and mouse LINGO-2, respectively. LINGO-2 presumably functions outside the CNS with little involvement by p75/NgR1.

bio-techne®
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