Human HAPLN4 Alexa Fluor® 532-conjugated Antibody

Monoclonal Mouse IgG_{2B} Clone # 387915

Catalog Number: FAB4085X

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human HAPLN4 in direct ELISAs and Western blots. In direct ELISAs and Western blots, no cross-reactivity with recombinant human HAPLN1 is observed.
Source	Monoclonal Mouse IgG_{2B} Clone # 387915
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human HAPLN4 Gln30-Val402 (predicted) Accession # Q86UW8
Conjugate	Alexa Fluor 532 Excitation Wavelength: 534 nm Emission Wavelength: 553 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

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.*

Western Blot	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Hyaluronan and Proteoglycan Link Protein 4, (HAPLN4), also known as brain link protein 2, is one of four secreted HAPLN family proteoglycans that bind hyaluronan. HAPLN4 contains one Ig-type C2-set domain and two link domains. It is predominantly expressed in brain and participates in the development of the perineuronal matrix. Human and mouse HAPLN4 share 91% aa sequence identity.

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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 Europe | Middle East | Africa TEL: +44.0.1235.529449
China | info.cn@bio-techne.com TEL: 400.821.3475