

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human IGFL-3 in direct ELISAs and Western blots. In direct ELISAs, no cross-reactivity with recombinant human (rh) IGF-I, rhIGF-II, rhIGFL-1, rhIGFL-4, and recombinant mouse IGFL-3 is observed.
Source	Monoclonal Mouse IgG _{2B} Clone # 536825
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human IGFL-3 Thr25-Pro125 Accession # Q6UXB1
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 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.
Immunohistochemistry	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

IGFL-3 (insulin-like growth factor-like 3) is one of four small (~11 kDa), probably secreted human IGFL family members. This family shares A and B chain cysteine motifs with the IGF superfamily, and has an additional cysteine motif within an uncleaved region corresponding to the C peptide of the IGF family. Mature IGFL-3 is a 101 amino acid (aa) protein that shares 41% aa identity with the sole mouse IGFL. RT-PCR data indicates its expression within the cerebellum.

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