

DESCRIPTION

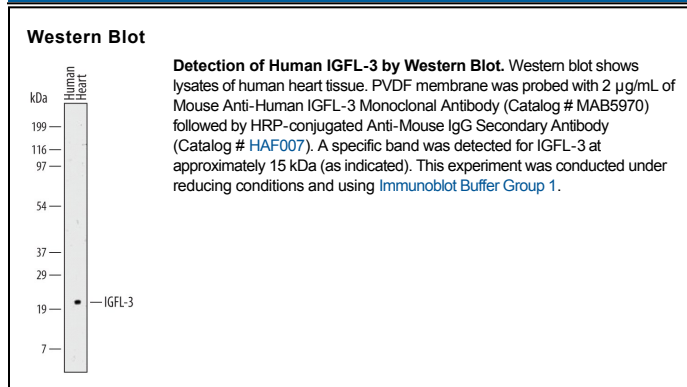
Species Reactivity	Human
Specificity	Detects human IGFL-3 in direct ELISAs and Western blots. In direct ELISAs, no cross-reactivity with recombinant human (rh) IGF-I, rhIGF-II, rhIGFL-1, rhIGFL-4, and recombinant mouse IGFL-3 is observed.
Source	Monoclonal Mouse IgG _{2B} Clone # 536825
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human IGFL-3 Thr25-Pro125 Accession # Q6UXB1
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	2 µg/mL	See Below
Immunohistochemistry	8-25 µg/mL	Immersion fixed paraffin-embedded sections of human brain (cerebellum)

DATA



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. <ul style="list-style-type: none"> ● 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

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.