

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Livin in Western blots. Can detect recombinant and endogenous human Livin α (KIAP) and Livin β (ML-IAP).
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human Livin β Met1-Gln280 Accession # Q96CA5
Formulation	Lyophilized from a 0.2 μ m filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 μ m 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	0.5 μ g/mL	See Below
Simple Western	5 μ g/mL	See Below

DATA

<p>Western Blot</p> <p>Detection of Human Livin by Western Blot. Western blot shows lysates of SK-Mel-28 human malignant melanoma cell line. PVDF membrane was probed with 0.5 μg/mL Goat Anti-Human Livin Antigen Affinity-purified Polyclonal Antibody (Catalog # AF1161) followed by HRP-conjugated Anti-Goat IgG Secondary Antibody (Catalog # HAF017). For additional reference, Recombinant Human Livin α/KIAP (Catalog # 1161-LV) and Recombinant Human Livin β/ML-IAP (Catalog # 787-LV) (0.5 ng/lane) were included. A specific band for Livin was detected at approximately 34 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 4.</p>	<p>Simple Western</p> <p>Detection of Human Livin by Simple Western™. Simple Western lane view shows lysates of SK-Mel-28 human malignant melanoma cell line, loaded at 0.2 mg/mL. A specific band was detected for Livin at approximately 42 kDa (as indicated) using 5 μg/mL of Goat Anti-Human Livin Antigen Affinity-purified Polyclonal Antibody (Catalog # AF1161) followed by 1:50 dilution of HRP-conjugated Anti-Goat IgG Secondary Antibody (Catalog # HAF109). This experiment was conducted under reducing conditions and using the 12-230 kDa separation system.</p>
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PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.2 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.