

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Survivin. This antibody also detects an unidentified ~51 kDa protein band.
Source	Polyclonal Rabbit IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human Survivin aa 1-142
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.

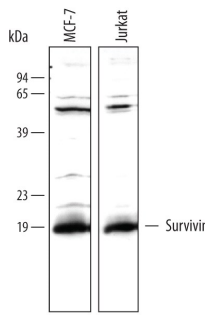
APPLICATIONS

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	0.5 µg/mL	See Below
Immunohistochemistry	5-15 µg/mL	See Below
Simple Western	5 µg/mL	See Below

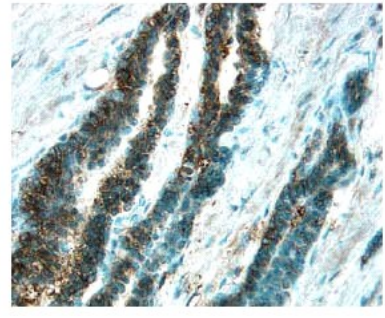
DATA

Western Blot



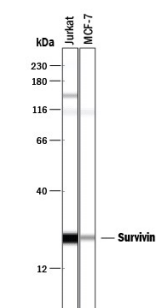
Detection of Human Survivin by Western Blot. Western blot shows lysates of MCF-7 human breast cancer cell line and Jurkat human acute T cell leukemia cell line. PVDF membrane was probed with 0.5 µg/mL of Rabbit Anti-Human Survivin Antigen Affinity-purified Polyclonal Antibody (Catalog # AF886) followed by HRP-conjugated Anti-Rabbit IgG Secondary Antibody (Catalog # HAF008). A specific band was detected for Survivin at approximately 19 kDa (as indicated). This experiment was conducted under reducing conditions and using [Immunoblot Buffer Group 4](#).

Immunohistochemistry




Survivin in Human Prostate Cancer Tissue. Survivin was detected in immersion fixed paraffin-embedded sections of human prostate cancer tissue using 10 µg/mL Rabbit Anti-Human Survivin Antigen Affinity-purified Polyclonal Antibody (Catalog # AF886) overnight at 4 °C. Before incubation with the primary antibody tissue was subjected to heat-induced epitope retrieval using Antigen Retrieval Reagent-Basic (Catalog # CTS013). Tissue was stained with the Anti-Rabbit HRP-DAB Cell & Tissue Staining Kit (brown; Catalog # CTS005) and counterstained with hematoxylin (blue). View our protocol for [Chromogenic IHC Staining of Paraffin-embedded Tissue Sections](#).

Simple Western



Detection of Human Survivin by Simple Western™. Simple Western lane view shows lysates of Jurkat human acute T cell leukemia cell line and MCF-7 human breast cancer cell line, loaded at 0.2 mg/mL. A specific band was detected for Survivin at approximately 23 kDa (as indicated) using 5 µg/mL of Rabbit Anti-Human Survivin Antigen Affinity-purified Polyclonal Antibody (Catalog # AF886). This experiment was conducted under reducing conditions and using the 12-230 kDa separation system.



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.