

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Bag-1 in Western blots. Does not react with human Bag-1.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant mouse Bag-1
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.

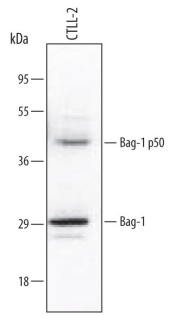
APPLICATIONS

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	5 µg/mL	See Below
Immunoprecipitation	2 µg/10 ⁶ cells	See Below

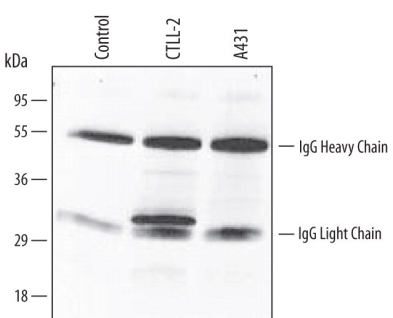
DATA

Western Blot



Detection of Mouse Bag-1 by Western Blot. Western blot shows lysates of CTLL-2 mouse cytotoxic T cell line. PVDF membrane was probed with 0.6 µg/mL of Goat Anti-Mouse Bag-1 Antigen Affinity-purified Polyclonal Antibody (Catalog # AF815) followed by HRP-conjugated Anti-Goat IgG Secondary Antibody (Catalog # HAF109). A specific band was detected for Bag-1 at approximately 32 and 50 kDa (as indicated). This experiment was conducted under reducing conditions and using [Immunoblot Buffer Group 6](#).

Immunoprecipitation



Immunoprecipitation of Mouse Bag-1. Bag-1 was immunoprecipitated from lysates (3 x 10⁶ cells) of CTLL-2 mouse cytotoxic T cell line and A431 human epithelial carcinoma cell line following incubation with 5 µg Goat Anti-Mouse Bag-1 Antigen Affinity-purified Polyclonal Antibody (Catalog # AF815) for 1 hour at 4 °C. Bag-1-antibody complexes were absorbed using Protein G (Sigma). Immunoprecipitated Bag-1 was detected by Western blot using 5 µg/mL Mouse Bag-1 Antigen Affinity-purified Polyclonal Antibody (Catalog # AF815). The leftmost lane represents a control experiment where the antibody was incubated with no cell lysate. View our [recommended buffer recipes for immunoprecipitation](#).

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	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <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.