

DESCRIPTION

Species Reactivity	Human
Specificity	Detects the 36 kDa and 50 kDa isoforms of human Bag-1. Does not detect mouse Bag-1.
Source	Monoclonal Mouse IgG ₁ Clone # GP3.10G3E2
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human 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	0.5 µg/mL	See Below
Immunoprecipitation	0.6 µg/10 ⁶ cells	See Below

DATA

<p>Western Blot</p> <p>Detection of Human Bag-1 by Western Blot. Western blot shows lysates of THP-1 human acute monocytic leukemia cell line and HEK293 human embryonic kidney cell line. PVDF Membrane was probed with 0.5 µg/mL of Mouse Anti-Human Bag-1 Monoclonal Antibody (Catalog # MAB852) followed by HRP-conjugated Anti-Mouse IgG Secondary Antibody (Catalog # HAF007). Specific bands were detected for Bag-1 at approximately 36 and 50 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 6.</p>	<p>Immunoprecipitation</p> <p>Immunoprecipitation of Human Bag-1. Bag-1 was immunoprecipitated from lysates (5 x 10⁶ cells) of THP-1 human acute monocytic leukemia and HEK293 human embryonic kidney cell line following incubation with 3 µg Mouse Anti-Human Bag-1 Monoclonal Antibody (Catalog # MAB852) for 1-16 hours at 4 °C. Bag-1-antibody complexes were absorbed using Protein A Immunoprecipitin (Life Technologies). Immunoprecipitated Bag-1 (left panel) was detected by Western blot using 0.5 µg/mL Mouse CD30/TNFRSF8 Antigen Affinity-purified Polyclonal Antibody (Catalog # AF852). View our recommended buffer recipes for immunoprecipitation.</p>
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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.