

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
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

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.

Knockout Validated	Optimal dilution of this antibody should be experimentally determined.
Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunoprecipitation	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Bag-1 (Bcl-2-associated Athanogene 1) is a 31-kDa protein with an apparent molecular mass of 46 kDa that can bind to Bcl-2 and enhance its anti-apoptotic effect, resulting in increased protection from cell death induced by apoptotic stimuli. Bag-1 shares no significant homology with Bcl-2 or other Bcl-2 family proteins. The C-terminal region of Bag-1 binds the PDGF and HGF Receptor, and enhances growth factor-mediated protection from apoptosis. This represents a link between growth factor receptors and anti-apoptotic mechanisms.

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