

ARG57172
anti-BAG2 antibody [29E9]Package: 50 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [29E9] recognizes BAG2
Tested Reactivity	Hu
Tested Application	WB
Host	Mouse
Clonality	Monoclonal
Clone	29E9
Isotype	IgG2a, kappa
Target Name	BAG2
Species	Human
Immunogen	Recombinant fragment around aa. 1-211 of Human BAG2
Conjugation	Un-conjugated
Alternate Names	BAG family molecular chaperone regulator 2; dJ41711.2; Bcl-2-associated athanogene 2; BAG-2

Application Instructions

Application table	Application	Dilution
	WB	Assay-dependent

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

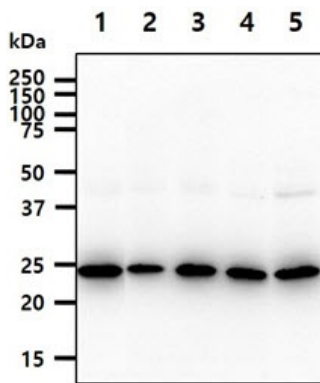
Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS (pH 7.4), 0.02% Sodium azide and 10% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	10% Glycerol
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 9532 Human Swiss-port # O95816 Human
Gene Symbol	BAG2
Gene Full Name	BCL2-associated athanogene 2
Background	BAG proteins compete with Hip for binding to the Hsc70/Hsp70 ATPase domain and promote substrate release. All the BAG proteins have an approximately 45-amino acid BAG domain near the C terminus but differ markedly in their N-terminal regions. The predicted BAG2 protein contains 211 amino acids. The BAG domains of BAG1, BAG2, and BAG3 interact specifically with the Hsc70 ATPase domain in vitro and in mammalian cells. All 3 proteins bind with high affinity to the ATPase domain of Hsc70 and inhibit its chaperone activity in a Hip-repressible manner. [provided by RefSeq, Jul 2008]
Function	Inhibits the chaperone activity of HSP70/HSC70 by promoting substrate release. [UniProt]
Calculated Mw	24 kDa

Images



ARG57172 anti-BAG2 antibody [29E9] WB image

Western blot: 40 µg of 1) Jurkat, 2) A549, 3) K562, 4) HepG2, and 5) HeLa cell lysates stained with ARG57172 anti-BAG2 antibody [29E9] at 1:1000.