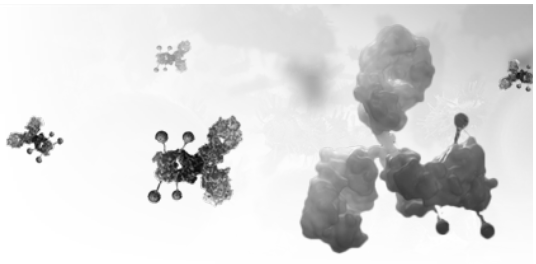
CD Creative Diagnostics®



Human BAG2 blocking peptide (CDBP0559)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-BAG2 antibody
Antigen Description	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.
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	BAG2 BCL2-associated athanogene 2 [Homo sapiens]
Official Symbol	BAG2
Synonyms	BAG2; BCL2-associated athanogene 2; BAG family molecular chaperone regulator 2; bcl-2-

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	associated athanogene 2; BAG-family molecular chaperone regulator-2; dJ417I1.2 (BAG-family molecular chaperone regulator 2); BAG-2; dJ417I1.2; KIAA0576; MGC149462;
Entrez Gene ID	9532
mRNA Refseq	NM_004282
Protein Refseq	NP_004273
UniProt ID	O95816
Chromosome Location	6p12.3-p11.2
Pathway	Protein processing in endoplasmic reticulum, organism-specific biosystem; Protein processing in endoplasmic reticulum, conserved biosystem;
Function	chaperone binding;

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