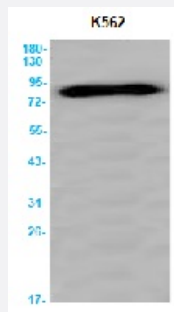


RecomAb™

BAG3 recombinant monoclonal antibody, clone R09-2G3

Catalog # RAB01568 Size 100 uL

Applications



Western Blot

Western blot analysis of Bag3 in K562 lysates using human Bag3 recombinant monoclonal antibody, clone R09-2G3 (Cat # RAB01568).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human Bag3.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human Bag3
Theoretical MW (kDa)	Calculated MW: 62 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction

Store at 4°C for short term. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Bag3 in K562 lysates using human Bag3 recombinant monoclonal antibody, clone R09-2G3 (Cat # RAB01568).

Gene Info — BAG3

Entrez GeneID[9531](#)**Protein Accession#**[O95817](#)**Gene Name**

BAG3

Gene Alias

BAG-3, BIS, CAIR-1, MGC104307

Gene Description

BCL2-associated athanogene 3

Omim ID[603883](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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 protein encoded by this gene contains a WW domain in the N-terminal region and a BAG domain in the C-terminal region. 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]

Other Designations

BAG-family molecular chaperone regulator-3|BCL2-binding athanogene 3|Bcl-2-binding protein|OTTHUMP00000020599|docking protein CAIR-1

Disease

- [Alzheimer Disease](#)
- [Cardiovascular Diseases](#)

- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Kidney Failure](#)
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