

Product Name: KD-Validated BAG5 Mouse Monoclonal Antibody**Catalog #: KVA01189**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB,FCM
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Mouse mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2,500; FC 1:100-1:1,000
Molecular Weight	Calculated MW: 51.2kDa

Antigen Information

Gene Name	BAG5
Alternative Names	BAG5; BAG Cochaperone 5; BAG Family Molecular Chaperone Regulator 5; Bcl-2-Associated Athanogene 5; BCL2 Associated Athanogene 5; BAG-5; KIAA0873; CMD2F
Gene ID	9529.0
SwissProt ID	Q9UL15
Immunogen	Recombinant protein of human BAG5

Background

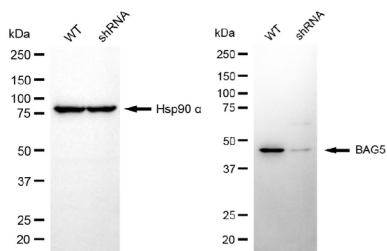
The protein encoded by this gene is a member of the BAG1-related protein family. BAG1 is an anti-apoptotic protein that functions through interactions with a variety of cell apoptosis and growth related proteins including BCL-2, Raf-protein kinase, steroid hormone receptors, growth factor receptors and members of the heat shock protein 70 kDa family. This protein

contains a BAG domain near the C-terminus, which could bind and inhibit the chaperone activity of Hsc70/Hsp70. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

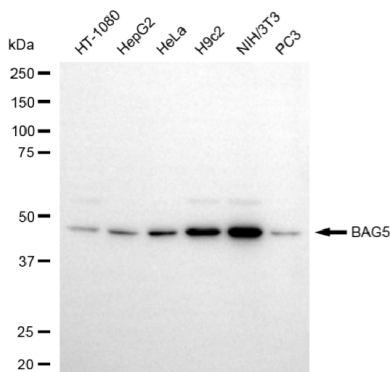
Research Area

Signal Transduction, Immunology, Cardiovascular

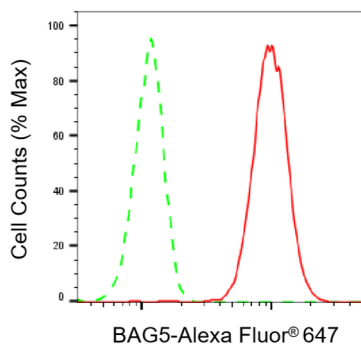
Image Data



Western blotting analysis using BAG5 antibody (KVA01189). BAG5 expression in wild type (WT) and BAG5 shRNA knockdown (KD) HT-1080 cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with BAG5 antibody (KVA01189, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using BAG5 antibody (KVA01189). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with BAG5 antibody (KVA01189, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Flow cytometric analysis of BAG5 expression in C2C12 cells using BAG5 antibody (KVA01189, 1:1,000). Green, isotype control; red, BAG5.