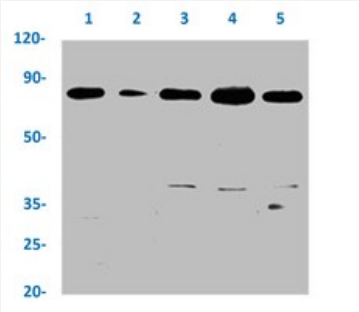
RecomAb™

BAG3 recombinant monoclonal antibody, clone 3D8

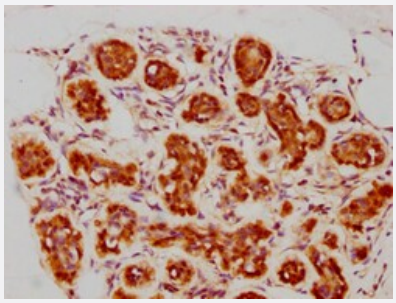
Catalog # RAB04377 Size 100 uL

Applications



Western Blot

Western blot analysis of Lane 1: Hela whole cell lysate, Lane 2: 293 whole cell lysate, Lane 3: A549 whole cell lysate, Lane 4: HepG2 whole cell lysate and Lane 5: U87 whole cell lysate with BAG3 recombinant monoclonal antibody, clone 3D8 (Cat # RAB04377).



Immunohistochemistry

Immunohistochemical staining of human breast cancer with BAG3 recombinant monoclonal antibody, clone 3D8 (Cat # RAB04377) (diluated at 1:73.75).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human BAG3.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human BAG3.
Theoretical MW (kDa)	Calculated MW: 62 kD
Reactivity	Human
Form	Liquid

Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	ELISA Immunohistochemistry (1:50-1:200) Western Blot (1:500-1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot

  Western blot analysis of Lane 1: Hela whole cell lysate, Lane 2: 293 whole cell lysate, Lane 3: A549 whole cell lysate, Lane 4: HepG2 whole cell lysate and Lane 5: U87 whole cell lysate with BAG3 recombinant monoclonal antibody, clone 3D8 (Cat # RAB04377).

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- Enzyme-linked Immunoabsorbent Assay

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 su bstrate 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 conta ins 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 i nhibit 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|O TTHUMP00000020599|docking protein CAIR-1

Disease

- Alzheimer Disease
- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Head and Neck Neoplasms
- Kidney Failure
- Neoplasm Recurrence
- Neoplasms
- Psychiatric Status Rating Scales
- Schizophrenia