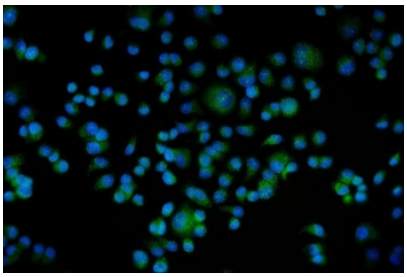
BAG5 Antibody (R32800)

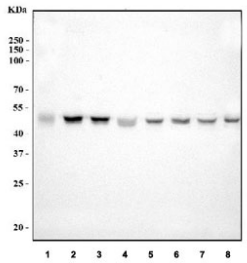
Catalog No.	Formulation	Size
R32800	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

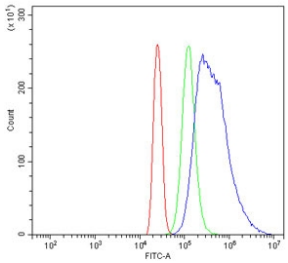
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9UL15
Localization	Cytoplasmic, nuclear
Applications	Western blot: 0.5-1ug/ml Immunofluorescence (FFPE): 5ug/ml Flow cytometry: 1-3ug/million cells
Limitations	This BAG5 antibody is available for research use only.



Immunofluorescent staining of FFPE human T-47D cells with BAG5 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) human PC-3, 2) human U-87 MG, 3) human HeLa, 4) human K562, 5) rat brain, 6) rat stomach, 7) mouse brain and 8) mouse stomach lysate with BAG5 antibody. Predicted molecular weight: ~51 kDa.



Flow cytometry testing of human HL60 cells with BAG5 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= BAG5 antibody.

Description

BAG family molecular chaperone regulator 5 is a protein that in humans is encoded by the BAG5 gene. It is mapped to 14q32.33. The protein encoded by this gene is a member of the BAG1-related protein family. Bag5 is a negative regulator of both Hsp70 and parkin function that sensitizes dopaminergic neurons to injury-induced death and thus promotes neurodegeneration.

Application Notes

Optimal dilution of the BAG5 antibody should be determined by the researcher.

Immunogen

Amino acids N389-Y447 from the human protein were used as the immunogen for the BAG5 antibody.

Storage

After reconstitution, the BAG5 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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