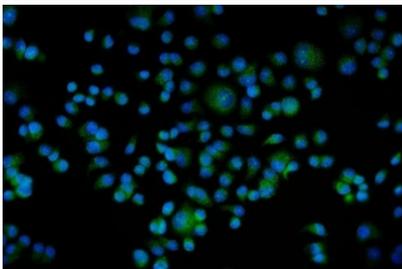


## BAG5 Antibody (R32800)

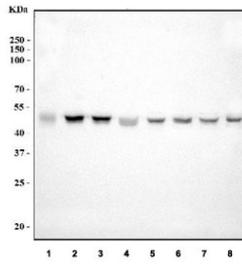
Catalog No.	Formulation	Size
R32800	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

### Bulk quote request

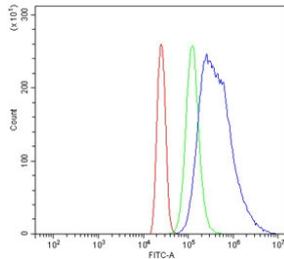
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	Q9UL15
<b>Localization</b>	Cytoplasmic, nuclear
<b>Applications</b>	Western Blot : 0.5-1ug/ml Immunofluorescence (FFPE) : 5ug/ml Flow Cytometry : 1-3ug/million cells
<b>Limitations</b>	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.