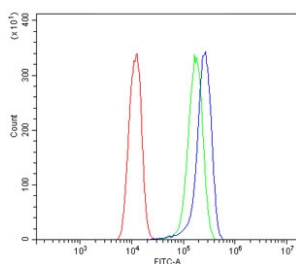


## BAG5 Antibody (R31213)

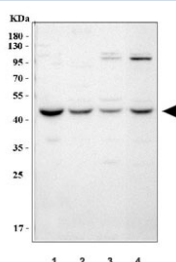
Catalog No.	Formulation	Size
R31213	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>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 and 0.025% sodium azide
<b>UniProt</b>	Q9UL15
<b>Applications</b>	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells
<b>Limitations</b>	This BAG5 antibody is available for research use only.



Flow cytometry testing of human A431 cells with BAG5 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= BAG5 antibody.



Western blot testing of 1) human HeLa, 2) human HepG2, 3) rat testis and 4) mouse testis tissue lysate. Predicted molecular weight: ~56/51 kDa (isoforms a/b).

## Description

BAG family molecular chaperone regulator 5 is a protein that in humans is encoded by the BAG5 gene. 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

The stated application concentrations are suggested starting amounts. Titration of the BAG5 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

An amino acid sequence from the C-terminus of human BAG5 (QGEEKCKAARKQAVR) was used as the immunogen for this 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.