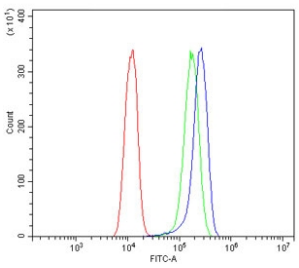
BAG5 Antibody (R31213)

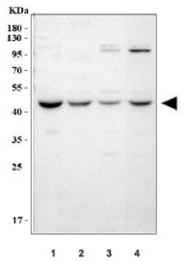
Catalog No.	Formulation	Size
R31213	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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 and 0.025% sodium azide
UniProt	Q9UL15
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells
Limitations	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.

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