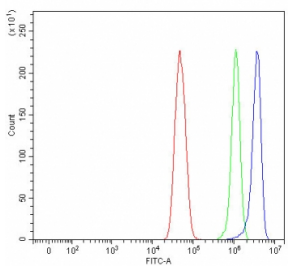
Mitoguardin 1 Antibody / MIGA1 (RQ8460)

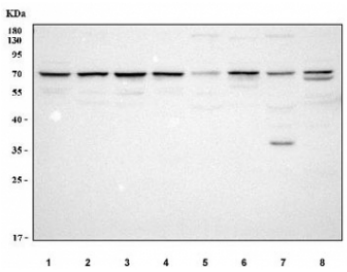
Catalog No.	Formulation	Size
RQ8460	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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 purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q8NAN2
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This Mitoguardin 1 antibody is available for research use only.



Flow cytometry testing of fixed and permeabilized human U-251 cells with Mitoguardin 1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Mitoguardin 1 antibody.



Western blot testing of 1) human U-251, 2) human A431, 3) human RT4, 4) human A549, 5) rat brain, 6) rat kidney, 7) mouse brain and 8) mouse kidney tissue lysate with Mitoguardin 1 antibody. Predicted molecular weight ~71 kDa.

Description

Enables protein heterodimerization activity and protein homodimerization activity. Involved in mitochondrial fusion. Located in mitochondrion. Is integral component of plasma membrane.

Application Notes

Optimal dilution of the Mitoguardin 1 antibody should be determined by the researcher.

Immunogen

An E.coli-derived human recombinant protein (R316-Q562) was used as the immunogen for the Mitoguardin 1 antibody.

Storage

After reconstitution, the Mitoguardin 1 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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