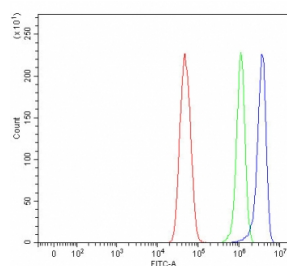


## Mitoguardin 1 Antibody / MIGA1 (RQ8460)

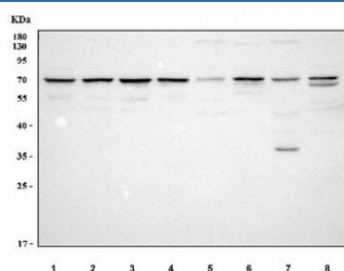
Catalog No.	Formulation	Size
RQ8460	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<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 purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	Q8NAN2
<b>Applications</b>	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	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.