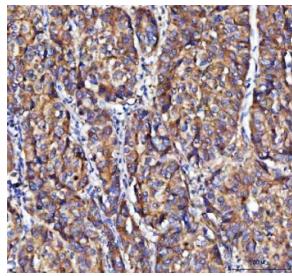


## Modulator of apoptosis 1 Antibody / MOAP1 / MAP-1 (RQ8366)

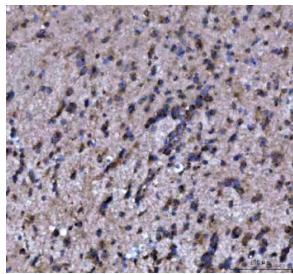
Catalog No.	Formulation	Size
RQ8366	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

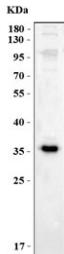
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	Q96BY2
<b>Localization</b>	Cytoplasm
<b>Applications</b>	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml Flow Cytometry : 1-3ug/million cells ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This Modulator of apoptosis 1 antibody is available for research use only.



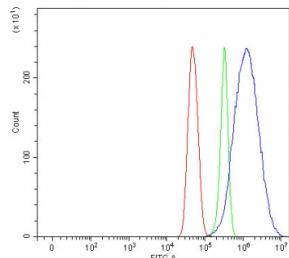
IHC staining of FFPE human liver cancer tissue with Modulator of apoptosis 1 antibody.  
HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human glioma tissue with Modulator of apoptosis 1 antibody.  
HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of human RT4 cell lysate with Modulator of apoptosis 1 antibody.  
Predicted molecular weight ~40 kDa, commonly observed at 35-40 kDa.



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

## Description

Modulator of apoptosis 1 is a protein that in humans is encoded by the MOAP1 gene. The protein encoded by this gene was identified by its interaction with apoptosis regulator BAX protein. This protein contains a Bcl-2 homology 3 (BH3)-like motif, which is required for the association with BAX. When overexpressed, this gene has been shown to mediate caspase-dependent apoptosis.

## Application Notes

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

## Immunogen

An E.coli-derived human recombinant protein (R18-L341) was used as the immunogen for the Modulator of apoptosis 1 antibody.

## Storage

After reconstitution, the Modulator of apoptosis 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.

