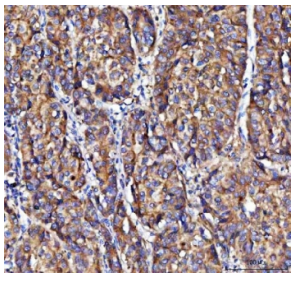
Modulator of apoptosis 1 Antibody / MOAP1 / MAP-1 (RQ8366)

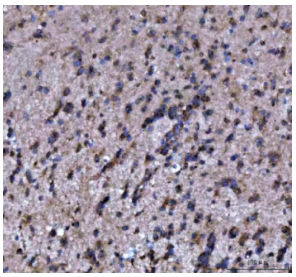
Catalog No.	Formulation	Size
RQ8366	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

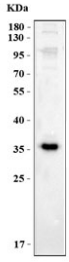
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q96BY2
Localization	Cytoplasm
Applications	Western blot: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



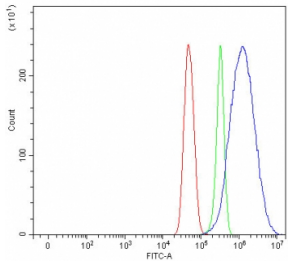
IHC staining of FFPE human liver cancer tissue with Modulator of apoptosis 1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



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.

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