

ARG44181 anti-MOAP1 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes MOAP1
Tested Reactivity	Hu
Tested Application	FACS, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	MOAP1
Species	Human
Immunogen	Recombinant protein of Human MOAP1
Conjugation	Un-conjugated
Alternate Names	MOAP1; Modulator Of Apoptosis 1; MAP-1; PNMA4; Paraneoplastic Ma Antigen Family Member 4; Paraneoplastic Antigen Ma4; MAP1; Paraneoplastic Antigen Like 4

Application Instructions

Application table	Application	Dilution
	FACS	1-3 µg/1x10 ⁶ cells
	IHC-P	2-5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

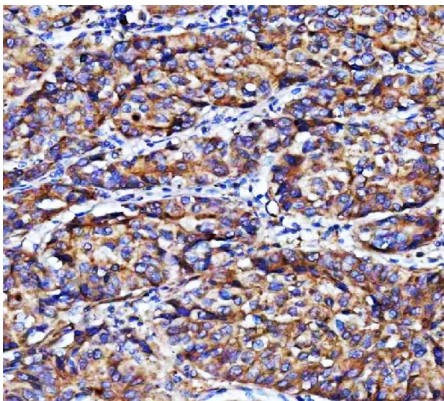
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

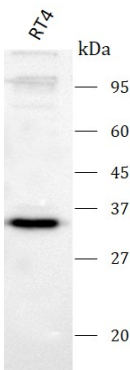
Gene Symbol	MOAP1
Gene Full Name	Modulator Of Apoptosis 1
Background	The protein encoded by this gene was identified by its interaction with apoptosis regulator BAX protein. This protein contains a Bcl-2 homology 3 (BH3)-like motif, which is required for the association with BAX. When overexpressed, this gene has been shown to mediate caspase-dependent apoptosis.
Function	Retrotransposon-derived protein that forms virion-like capsids (By similarity). Acts as an effector of BAX during apoptosis: enriched at outer mitochondria membrane and associates with BAX upon induction of apoptosis, facilitating BAX-dependent mitochondrial outer membrane permeabilization and apoptosis.
Calculated Mw	40 kDa
PTM	Ubl conjugation
Cellular Localization	Cytoplasm, Membrane, Mitochondrion, Mitochondrion outer membrane

Images



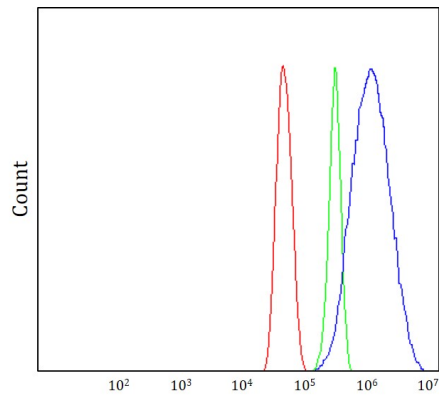
ARG44181 anti-MOAP1 antibody IHC-P image

Immunohistochemistry: Human liver cancer stained with ARG44181 anti-MOAP1 antibody at 2 µg/mL dilution.



ARG44181 anti-MOAP1 antibody WB image

Western blot: RT4 stained with ARG44181 anti-MOAP1 antibody at 0.5 µg/mL dilution.



ARG44181 anti-MOAP1 antibody FACS image

Flow Cytometry: U251 stained with ARG44181 anti-MOAP1 antibody at $1\text{ }\mu\text{g}/1\times 10^6$ cells dilution.