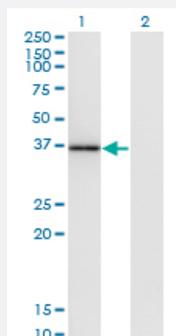


# MOAP1 monoclonal antibody (M02), clone 4A1

Catalog # H00064112-M02

Size 100 ug

## Applications

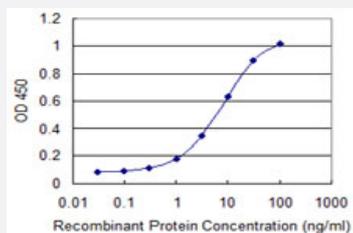


### Western Blot (Transfected lysate)

Western Blot analysis of MOAP1 expression in transfected 293T cell line by MOAP1 monoclonal antibody (M02), clone 4A1.

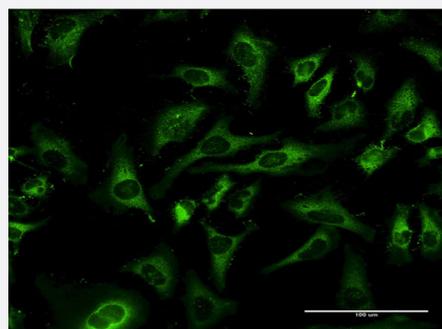
Lane 1: MOAP1 transfected lysate(39.5 KDa).

Lane 2: Non-transfected lysate.



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MOAP1 is 0.3 ng/ml as a capture antibody.



### Immunofluorescence

Immunofluorescence of monoclonal antibody to MOAP1 on HeLa cell .  
[antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (64.35 KDa) .

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a full-length recombinant MOAP1.
<b>Immunogen</b>	MOAP1 (AAH15044.1, 1 a.a. ~ 351 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	<p>                     MTLRLLLEDWCRGMDMNP RKALLIAGISQSCSVAEIEEALQAGLAPLGEYRLLGRMFRRDENRKVA                      LVGLTAETSHALVPKEIPGKGGIWRVIFKPPDPDN TFLSRLNEFLAGEGMTVGELSRLALGHENGSL                      DPEQGMIPEMWAPMLAQALEALQPALQCLKYKLRVFSGRESPEPGEEEFGRWMFHTTQMIKA                      WQVPDVEKRRRLLLESLRGPALDVIRVLKINNPLITVDECLQALEEVFGVTDNPRELQVKYLT TYQK                      DEEKLSAYVLRLEPLLQKLVQRGAIERDAVNQARLDQVIAGAVHKTIRRELNLPEDGPAPGFLQLL                      VLIKDYEAEEEEEEALLQAILEGNFT                 </p>
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (76); Rat (76)
<b>Isotype</b>	IgG1 Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (64.35 KDa) .
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MOAP1 is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to MOAP1 on HeLa cell . [antibody concentration 10 ug/ml]

## Gene Info — MOAP1

Entrez GeneID [64112](#)

GeneBank Accession# [BC015044](#)

Protein Accession# [AAH15044.1](#)

Gene Name MOAP1

Gene Alias MAP-1, PNMA4

Gene Description modulator of apoptosis 1

Omim ID [609485](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** 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. [provided by RefSeq]

**Other Designations** paraneoplastic antigen like 4