

HSPE1 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a full length recombinant HSPE1.****Catalog # AT2454a****Specification**

HSPE1 Antibody (monoclonal) (M01) - Product Information

Application	WB, IF, E
Primary Accession	P61604
Other Accession	BC023518
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 kappa
Calculated MW	10932

HSPE1 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 3336**Other Names**

10 kDa heat shock protein, mitochondrial, Hsp10, 10 kDa chaperonin, Chaperonin 10, CPN10, Early-pregnancy factor, EPF, HSPE1

Target/Specificity

HSPE1 (AAH23518, 1 a.a. ~ 102 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

IF~~1:50~200

E~~N/A

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

HSPE1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

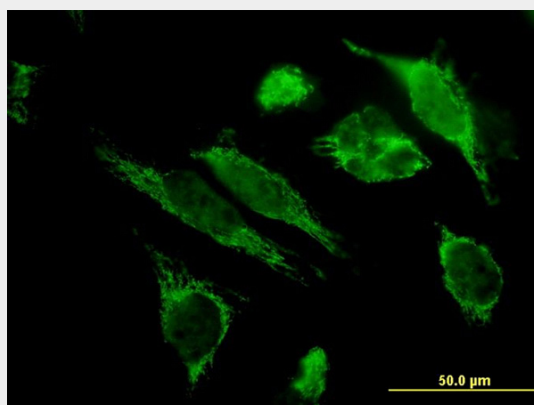
HSPE1 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

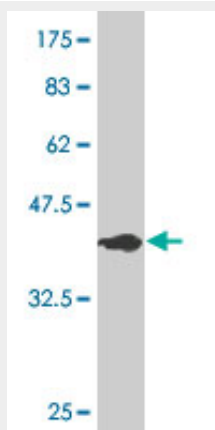
- [Western Blot](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

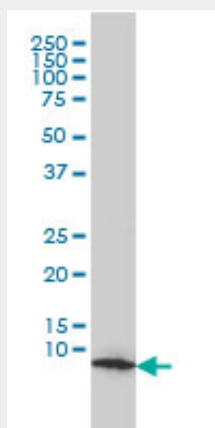
HSPE1 Antibody (monoclonal) (M01) - Images



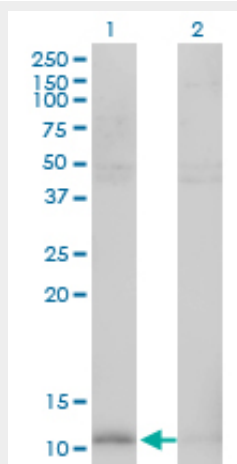
Immunofluorescence of monoclonal antibody to HSPE1 on HeLa cell. [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.96 KDa) .



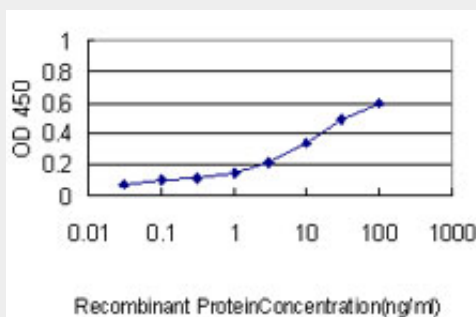
HSPE1 monoclonal antibody (M01), clone 4C11-B11 Western Blot analysis of HSPE1 expression in COLO 320 HSR ((Cat # AT2454a)



Western Blot analysis of HSPE1 expression in transfected 293T cell line by HSPE1 monoclonal antibody (M01), clone 4C11-B11.

Lane 1: HSPE1 transfected lysate(10.9 KDa).

Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged HSPE1 is approximately 0.1ng/ml as a capture antibody.