

USP3 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant USP3.****Catalog # AT4485a****Specification**

USP3 Antibody (monoclonal) (M01) - Product Information

Application	WB, IF, E
Primary Accession	O9Y6I4
Other Accession	NM_006537
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	58897

USP3 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 9960**Other Names**

Ubiquitin carboxyl-terminal hydrolase 3, Deubiquitinating enzyme 3, Ubiquitin thioesterase 3, Ubiquitin-specific-processing protease 3, USP3

Target/Specificity

USP3 (NP_006528, 421 a.a. ~ 520 a.a) partial 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

USP3 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

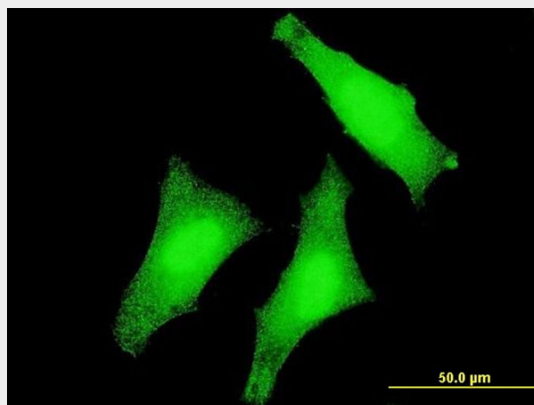
USP3 Antibody (monoclonal) (M01) - Protocols

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

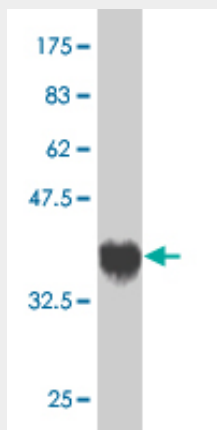
- [Western Blot](#)

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

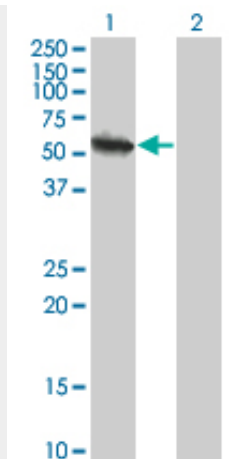
USP3 Antibody (monoclonal) (M01) - Images



Immunofluorescence of monoclonal antibody to USP3 on HeLa cell . [antibody concentration 10 ug/ml]



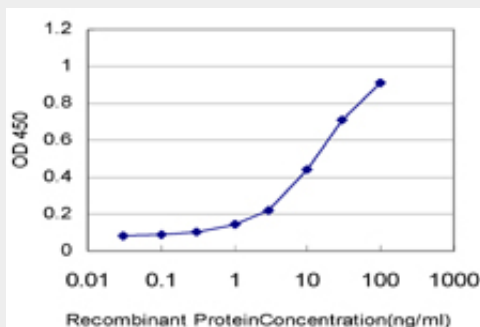
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .



Western Blot analysis of USP3 expression in transfected 293T cell line by USP3 monoclonal antibody (M01), clone 1H2.

Lane 1: USP3 transfected lysate(58.9 kDa).

Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged USP3 is approximately 0.3ng/ml as a capture antibody.

USP3 Antibody (monoclonal) (M01) - References

1.The Deubiquitylating Enzyme USP44 Counteracts the DNA Double-strand Break Response Mediated by the RNF8 and RNF168 Ubiquitin Ligases. Mosbech A, Lukas C, Bekker-Jensen S, Mailand NJ Biol Chem. 2013 Jun 7;288(23):16579-87. doi: 10.1074/jbc.M113.459917. Epub 2013 Apr 24.