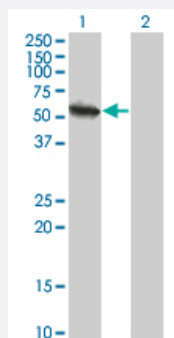


USP3 monoclonal antibody (M01), clone 1H2

Catalog # H00009960-M01

Size 100 ug

Applications

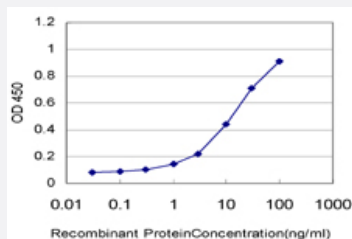


Western Blot (Transfected lysate)

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

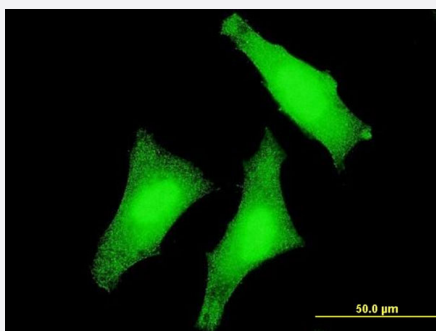
Lane 1: USP3 transfected lysate (58.9 kDa).

Lane 2: Non-transfected lysate.



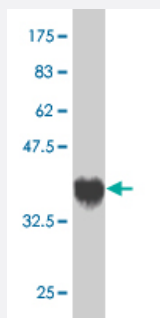
Sandwich ELISA (Recombinant protein)

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



Immunofluorescence

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



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant USP3.
Immunogen	USP3 (NP_006528, 421 a.a. ~ 520 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	RNKVDTYVEFPLRGLDMKCYLLEPENSGPESCLYDLAAVVVHHGSGVGSGHYTAYATHEGRWFH FNDSTVTLTDEETVVKAKAYILFYEHQAKAGSDKL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (95)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

● Western Blot (Transfected lysate)

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.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

- Immunofluorescence

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

Gene Info — USP3

Entrez GeneID [9960](#)

GeneBank Accession# [NM_006537](#)

Protein Accession# [NP_006528](#)

Gene Name USP3

Gene Alias MGC129878, MGC129879, SIH003, UBP

Gene Description ubiquitin specific peptidase 3

Omim ID [604728](#)

Gene Ontology [Hyperlink](#)

Other Designations ubiquitin specific protease 3

Publication Reference

- [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 N.

The Journal of Biological Chemistry 2013 Jun; 288(23):16579.

Application: WB-Tr, Human, U-2 OS cells

Disease

- [Tobacco Use Disorder](#)