



Datasheet for ABIN564284
anti-USP3 antibody (AA 421-520)



[Go to Product page](#)

4 Images

1 Publication

Overview

Quantity:	100 µg
Target:	USP3
Binding Specificity:	AA 421-520
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This USP3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Purpose:	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:	RNKVDTYVEF PLRGLDMKCY LLEPENSGPE SCLYDLAAVV VHHGSGVVGSG HYTAYATHEG RWFHFNDSTV TLTDEETVVK AKAYILFYVE HQAKAGSDKL
Clone:	1H2
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	USP3
Alternative Name:	USP3 (USP3 Products)
Background:	Full Gene Name: ubiquitin specific peptidase 3 Synonyms: MGC129878,MGC129879,SIH003,UBP
Gene ID:	9960
NCBI Accession:	NM_006537

Application Details

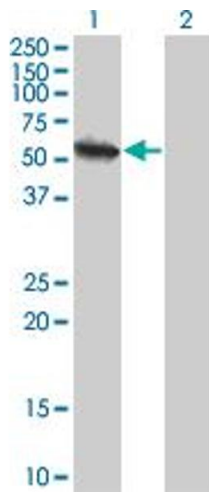
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	Mosbech, Lukas, Bekker-Jensen, Mailand: "The deubiquitylating enzyme USP44 counteracts the DNA double-strand break response mediated by the RNF8 and RNF168 ubiquitin ligases." in: The Journal of biological chemistry , Vol. 288, Issue 23, pp. 16579-87, (2013) (PubMed).
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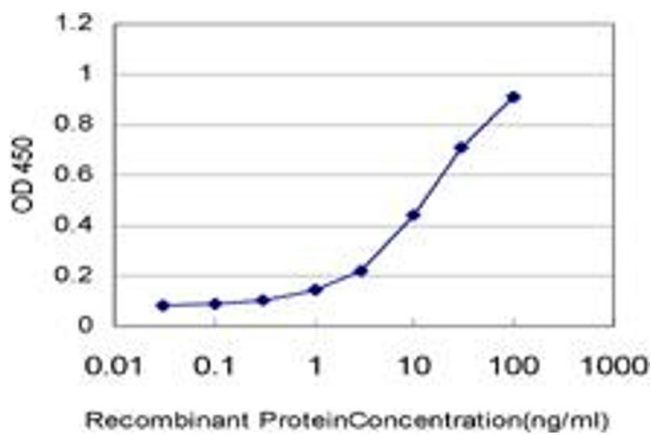


Western Blotting

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

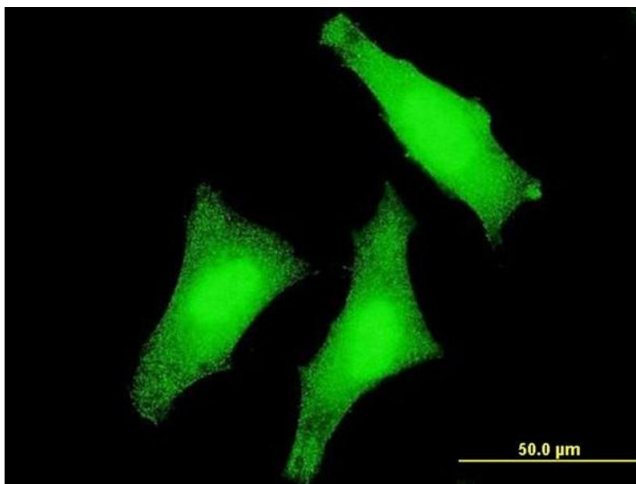
Lane 1: USP3 transfected lysate(58.9 KDa).

Lane 2: Non-transfected lysate.



ELISA

Image 2. Detection limit for recombinant GST tagged USP3 is approximately 0.3ng/ml as a capture antibody.



Immunofluorescence

Image 3. Immunofluorescence of monoclonal antibody to USP3 on HeLa cell. [antibody concentration 10 ug/ml]

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN564284.