

OTUB1 Antibody (monoclonal) (M09)

Mouse monoclonal antibody raised against a full-length recombinant OTUB1.

Catalog # AT3158a

Specification

OTUB1 Antibody (monoclonal) (M09) - Product Information

Application	WB, E
Primary Accession	Q96FW1
Other Accession	BC007519
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	31284

OTUB1 Antibody (monoclonal) (M09) - Additional Information

Gene ID 55611

Other Names

Ubiquitin thioesterase OTUB1,
Deubiquitinating enzyme OTUB1, OTU
domain-containing ubiquitin
aldehyde-binding protein 1, Otubain-1,
hOTU1, Ubiquitin-specific-processing
protease OTUB1, OTUB1, OTB1, OTU1

Target/Specificity

OTUB1 (AAH07519, 1 a.a. ~ 271 a.a)
full-length recombinant protein with GST
tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

Format

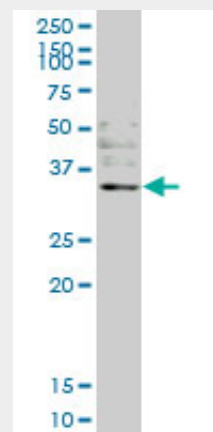
Clear, colorless solution in phosphate
buffered saline, pH 7.2 .

Storage

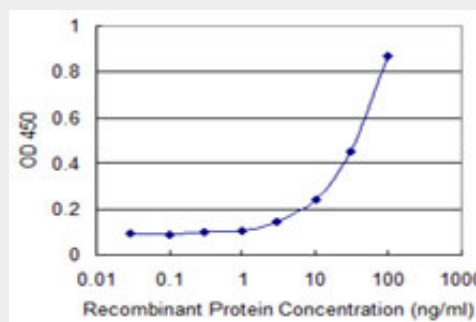
Store at -20°C or lower. Aliquot to avoid
repeated freezing and thawing.

Precautions

OTUB1 Antibody (monoclonal) (M09) is for
research use only and not for use in
diagnostic or therapeutic procedures.



OTUB1 monoclonal antibody (M09), clone
1C12. Western Blot analysis of OTUB1
expression in HeLa S3 NE (Cat # L013V3).



Detection limit for recombinant GST tagged
OTUB1 is 1 ng/ml as a capture antibody.

OTUB1 Antibody (monoclonal) (M09) - Background

The product of this gene is a member of the OTU (ovarian tumor) superfamily of predicted cysteine proteases. The encoded protein is a highly specific ubiquitin iso-peptidase, and cleaves ubiquitin from branched poly-ubiquitin chains but not from ubiquitinated substrates. It interacts with another ubiquitin protease and an E3 ubiquitin ligase that inhibits cytokine gene transcription in the immune system. It is proposed to function in specific ubiquitin-dependent pathways, possibly by

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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](#)

providing an editing function for polyubiquitin chain growth. Alternative splicing results in multiple transcript variants.

**OTUB1 Antibody (monoclonal) (M09) -
References**

1. Post-translational modification of the deubiquitinating enzyme otubain 1 modulates active RhoA levels and susceptibility to Yersinia invasion. Edelmann MJ, Kramer HB, Altun M, Kessler BM. FEBS J. 2010 Jun;277(11):2515-30.