



# Mouse Anti-Human OTUB1 Monoclonal Antibody, clone 2F4 (CABT-L517M)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	Full length human recombinant protein of human OTUB1(NP_060140) produced in HEK293T cell.
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human, Rat
<b>Clone</b>	2F4
<b>Purification</b>	Affinity chromatography (protein A/G)
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IF, IHC, WB Recommended dilution: WB 1:2000, IHC 1:150, IF 1:100
<b>Molecular Weight</b>	31.1 kDa
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	100 µl
<b>Buffer</b>	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
<b>Preservative</b>	0.02% sodium azide

<b>Storage</b>	Store at -20°C as received.
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<b>Ship</b>	Wet ice
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## BACKGROUND

<b>Introduction</b>	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 providing an editing function for polyubiquitin chain growth. Alternative splicing results in multiple transcript variants.
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<b>Keywords</b>	OTUB1;OTU domain, ubiquitin aldehyde binding 1;ubiquitin thioesterase OTUB1;FLJ20113;FLJ40710;otubain-1
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## GENE INFORMATION

<b>Gene Name</b>	OTU deubiquitinase, ubiquitin aldehyde binding 1
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<b>Entrez Gene ID</b>	<a href="#">55611</a>
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<b>UniProt ID</b>	<a href="#">B3KUV5</a>
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