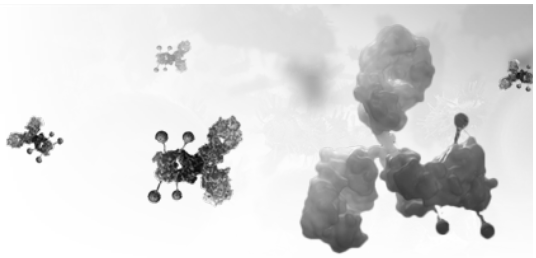

Mouse Anti-Human OTUB1 Monoclonal Antibody, clone 2F4 (CABT-L517M)

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

PRODUCT INFORMATION

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

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Storage	Store at -20°C as received.
Ship	Wet ice

BACKGROUND

Introduction	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.
Keywords	OTUB1;OTU domain, ubiquitin aldehyde binding 1;ubiquitin thioesterase OTUB1;FLJ20113;FLJ40710;otubain-1

GENE INFORMATION

Gene Name	OTU deubiquitinase, ubiquitin aldehyde binding 1
Entrez Gene ID	55611
UniProt ID	B3KUV5

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