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USP2 Mouse mAb

Catalog # AP96537

Product Information

Application	WB
Reactivity	Human
Predicted	Monkey
Host	Mouse
Clonality	Monoclonal
Calculated MW	68 KDa
Physical State	Liquid
Immunogen	Recombinant human USP2
Isotype	IgG1, k
Purity	affinity purified by Protein G
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a member of the family of de-ubiquitinating enzymes, which belongs to the peptidase C19 superfamily. The encoded protein is a ubiquitin-specific protease which is required for TNF-alpha (tumor necrosis factor alpha) -induced NF-kB (nuclear factor kB) signaling. This protein deubiquitinates polyubiquitinated target proteins such as fatty acid synthase, murine double minute 2 (MDM2), MDM4/MDMX and cyclin D1. MDM2 and MDM4 are negative regulators of the p53 tumor suppressor and cyclin D1 is required for cell cycle G1/S transition. Multiple alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Aug 2011]

Additional Information

Gene ID	9099
Other Names	UBP2_RAT; Usp2; 41 kDa ubiquitin-specific protease; Deubiquitinating enzyme 2; Ubiquitin thioesterase 2; Ubiquitin-specific-processing protease 2; Ubiquitin-specific-processing protease testis (UBP-t); 3.4.19.12; Ubp41; Ubp69; USP9; ubiquitin specific peptidase 2; ubiquitin specific protease 2
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.