

Mouse Anti-USP2 antibody

SLM-51636M

Product Name	USP2
Chinese Name	Ubiquitin 羧基末端水解酶 2 单克隆抗体
Alias	41 kDa ubiquitin specific protease ; 41 kDa ubiquitin-specific protease ; Deubiquitinating enzyme 2 ; Ubiquitin carboxyl terminal hydrolase 2 ; Ubiquitin carboxyl-terminal hydrolase 2 ; ubiquitin specific peptidase 2 ; Ubiquitin specific processing protease 2 ; Ubiquitin specific protease 12 ; Ubiquitin specific protease 9 ; Ubiquitin specific protease, 41kD ; Ubiquitin thioesterase 2 ; Ubiquitin thiolesterase 2 ; Ubiquitin-specific-processing protease 2 ; Ubiquitin-specific-processing protease testis ; UBP-t ; UBP2_HUMAN ; UBP41 ; USP9
Research Area	Cell biology Signal transduction Kinases and Phosphatases Ubiquitin
Immunogen Species	Mouse
Clonality	Monoclonal
Clone NO.	K08F1
React Species	Human(predicted:Monkey) WB=1:500-2000
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	68kDa
Detection molecular weight	72 kDa
Cellular localization	The nucleus cytoplasmic
Form	Liquid
Concentration	1mg/ml
immunogen	Recombinant human USP2
Lsotype	IgG1,k
Purification	affinity purified by Protein G
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.



Storage

Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

Attention

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

PubMed

[PubMed](#)

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]

Subcellular Location:

Cytoplasm and Cytosol

Product Detail

Tissue Specificity:

Expressed in mesangial cells of the kidney and in different types of glomerulonephritides (at protein level).

SWISS:

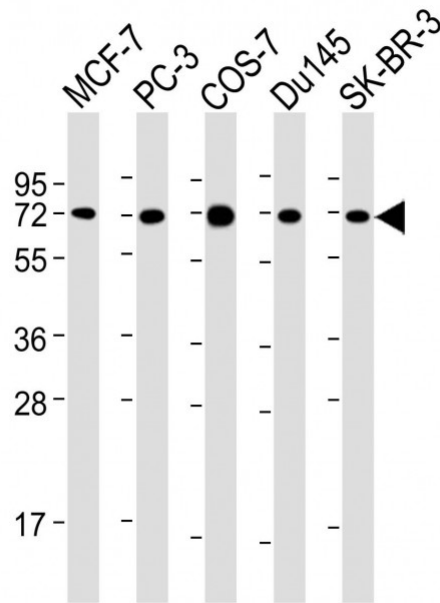
O75604

Gene ID:

9099

Database links:

- [Entrez Gene: 9099](#) Human
- [Entrez Gene: 115771](#) Rat
- [SwissProt: O75604](#) Human
- [SwissProt: Q5U349](#) Rat



Product Picture

Sample:

Lane 1: MCF-7 cell lysates

Lane 2: PC-3 cell lysates

Lane 3: COS-7 cell lysates

Lane 4: Du145 cell lysates

Lane 5: SK-BR-3 cell lysates

Primary: Anti-USP2 (SLM-51636M) at 1/2000 dilution

Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution

Predicted band size: 29 kD



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Observed band size: 72 kD