

Anti-USP2 Antibody (6H116)

Product Details

Ig Type:	IgG1, k
Reactivity:	Human (predicted:Monkey)
Molecular Weight:	Theoretical: 68 kDa. Actual: 70 kDa.
Clone:	6H116
Purification:	Protein G purified

Applications

Verified Activity:	25 µg total protein per lane of various lysates (see on figure) probed with USP2 monoclonal antibody, unconjugated (TMAB-14017) at 1: 2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: human USP2
Antigen Species:	Human
Gene ID:	9099

Research Background

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]

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