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## Datasheet for ABIN7120529 anti-USP5 antibody

### Overview

Quantity:	100 µg
Target:	USP5
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA

### Product Details

Immunogen:	ubiquitin specific peptidase 5(isopeptidase T)
Clone:	6G1
Isotype:	IgG1
Purification:	Protein A+G purification
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	USP5
Alternative Name:	USP5 ( <a href="#">USP5 Products</a> )
Background:	Synonyms:Deubiquitinating enzyme 5, Isopeptidase T, ISOT, Ubiquitin thiolesterase 5, USP5 Background:Cleaves linear and branched multiubiquitin polymers with a marked preference for branched polymers. Involved in unanchored 'Lys-48'-linked polyubiquitin disassembly. Binds linear and 'Lys-63'-linked polyubiquitin with a lower affinity. Knock-down of USP5 causes the

## Target Details

accumulation of p53/TP53 and an increase in p53/TP53 transcriptional activity because the unanchored polyubiquitin that accumulates is able to compete with ubiquitinated p53/TP53 but not with MDM2 for proteasomal recognition.

Molecular Weight: 93 kDa

Gene ID: 8078

UniProt: [P45974](#)

## Application Details

Application Notes: WB: 1:500-1:5000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months