

Datasheet for ABIN1536612  
**anti-USP8 antibody (C-Term)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	0.1 mL
Target:	USP8
Binding Specificity:	AA 1-30, C-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This USP8 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This USP8 antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the C-terminal region of human USP8.
Clone:	460CT35-1-6
Isotype:	IgG1
Predicted Reactivity:	M
Purification:	Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.

## Target Details

Target:	USP8
Alternative Name:	USP8 ( <a href="#">USP8 Products</a> )

## Target Details

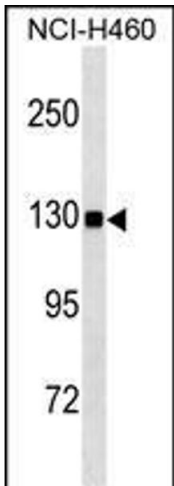
Background:	Hydrolase that can remove conjugated ubiquitin from proteins and therefore plays an important regulatory role at the level of protein turnover by preventing degradation. Converts both 'Lys-48' and 'Lys-63'-linked ubiquitin chains. Catalytic activity is enhanced in the M phase. Involved in cell proliferation. Required to enter into S phase in response to serum stimulation. May regulate T-cell anergy mediated by RNF128 via the formation of a complex containing RNF128 and OTUB1. Probably regulates the stability of STAM2 and RASGRF1. Regulates endosomal ubiquitin dynamics, cargo sorting, membrane traffic at early endosomes, and maintenance of ESCRT-0 stability. The level of protein ubiquitination on endosomes is essential for maintaining the morphology of the organelle. Deubiquitinates EPS15 and controls tyrosine kinase stability. Removes conjugated ubiquitin from EGFR thus regulating EGFR degradation and downstream MAPK signaling. Involved in acrosome biogenesis through interaction with the spermatid ESCRT-0 complex and microtubules.
Molecular Weight:	127523
Gene ID:	9101
NCBI Accession:	<a href="#">NP_001122082</a> , <a href="#">NP_001122083</a> , <a href="#">NP_005145</a>
UniProt:	<a href="#">P40818</a>

## Application Details

Application Notes:	WB: 1:500~4000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Mouse monoclonal antibody supplied in crude ascites with 0.09 % (W/V) sodium azide.
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:	4 °C, -20 °C
Storage Comment:	USP8 Antibody (C-term C1072)(Ascites) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

**Image 1.** USP8 Antibody ABIN1536612 western blot analysis in NCI- cell line lysates (35 µg/lane). This demonstrates the USP8 antibody detected the USP8 protein (arrow).