

Datasheet for ABIN4915071

**anti-USP5 antibody****1** Image[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	USP5
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This USP5 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This USP5 antibody is generated from a mouse immunized with a recombination protein from the human region of human USP5.
Clone:	13C4
Isotype:	IgG1
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.

## Target Details

Target:	USP5
Alternative Name:	USP5 ( <a href="#">USP5 Products</a> )

## Target Details

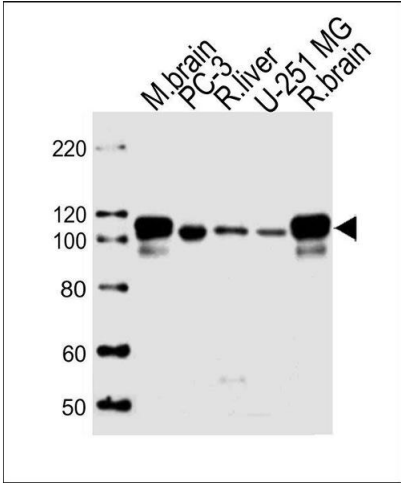
Background:	<p>Synonyms: ISOT, Ubiquitin carboxyl-terminal hydrolase 5, Deubiquitinating enzyme 5, Isopeptidase T, Ubiquitin thioesterase 5, Ubiquitin-specific-processing protease 5, USP5, USP 5, USP-5</p> <p>Background: Cleaves linear and branched multiubiquitin polymers with a marked preference for 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 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.</p>
Gene ID:	8078
UniProt:	<a href="#">P45974</a>

## Application Details

Application Notes:	WB 1:300-5000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.5 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months



Western Blotting

**Image 1.** Lane 1: mouse brain lysates, Lane 2: PC-3 Cell lysates, Lane 3: rat liver Cell lysates, Lane 4: U-251 MG Cell lysates, Lane 5: rat brain Cell lysates, probed with USP5 (1340CT704.170.140) Monoclonal Antibody, unconjugated (bsm-51404M) at 1:1000 overnight at 4°C followed by a conjugated secondary antibody for 60 minutes at 37°C.