

Datasheet for ABIN6945261 **anti-USP13 antibody**



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Overview

Quantity:	100 µL
Target:	USP13
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This USP13 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	Recombinant protein within human USP13 aa 700-850
Clone:	1G5
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Cross-Reactivity (Details):	WB(1:500-2000), IF(ICC)(1:50-200), FCM(1:50-100)
Purification:	Purified by Protein A.

Target Details

Target:	USP13
Alternative Name:	USP13 (USP13 Products)
Background:	Synonyms: Ubiquitin carboxyl-terminal hydrolase 13, Deubiquitinating enzyme 13, Isopeptidase

Target Details

T-3, Ubiquitin thioesterase 13, Ubiquitin-specific-processing protease 13, ISOT-3, USP13, ISOT3, USP-13, USP 13

Background: The ubiquitin (Ub) pathway involves three sequential enzymatic steps that facilitate the conjugation of Ub and Ub-like molecules to specific protein substrates. Through the use of a wide range of enzymes that can add or remove ubiquitin, the Ub pathway controls many intracellular processes such as signal transduction, transcriptional activation and cell cycle progression. USP13 (ubiquitin specific peptidase 13), also known as ISOT3 (Isopeptidase T-3), is an 863 amino acid protein that belongs to the peptidase C19 family and contains one UBP-type zinc finger and two UBA domains. Highly expressed in testicular and ovarian tissue, USP13 functions to catalyze the water-dependent conversion of a ubiquitin C-terminal thioester to a thiol and a free ubiquitin.

Gene ID: 8975

UniProt: [Q92995](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: WB 1:300-5000
FCM 1:20-100
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 1xTBS (pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.

Preservative: ProClin

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

Storage: 4 °C,-20 °C

Storage Comment: Store at 4°C for up to 2 weeks. For long term storage, store at -20°C in small aliquots to prevent

Handling

freeze-thaw cycles.

Expiry Date: 12 months