## antibodies - online.com





Datasheet for ABIN7127038

## anti-UBE2B antibody

Overview	
Quantity:	100 μg
Target:	UBE2B
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This UBE2B antibody is un-conjugated
Application:	Immunofluorescence (IF), Flow Cytometry (FACS)

## **Product Details**

Immunogen:	Recombinant full-length human UBE2B protein
Isotype:	lgG2b
Specificity:	The ubiquitin (Ub) pathway involves three sequential enzymatic steps that facilitate the conjugation of Ub and Ub-like molecules to specific protein substrates. The first step requires the ATP-dependent activation of the Ub C-terminus and the assembly of multi-Ub chains by the Ub-activating enzyme known as the E1 component. The Ub chain is then conjugated to the Ub-conjugating enzyme (E2) to generate an intermediate Ub-E2 complex. The Ub-ligase (E3) then catalyzes the transfer of Ub from E2 to the appropriate protein substrate. UBE2A (ubiquitin-conjugating enzyme E2 A) and UBE2B (ubiquitin-conjugating enzyme E2 B) are both Ub-
	conjugating enzymes that are essential to post replication repair of UV-damaged DNA. UBE2A and UBE2B are both nuclear and cell membrane proteins that have been found to interact with Rad18.
Cross-Reactivity (Details):	Human. Predicted to work in Mouse, Rat, Xenopus and Zebrafish.

## **Product Details** Purification: 1.0mg/ml of Ab purified from Bioreactor by Protein A/G. Target Details Target: UBE2B Alternative Name **UBE2B (UBE2B Products)** Target Type: Viral Protein Background: E2 17 kDa, hHR6B, HR6B, RAD6 homolog B (RAD6B), UBC2, UBE2B, Ubiquitin carrier protein B, Ubiquitin conjugating enzyme E2B, Ubiquitin protein ligase B, Ubiquitin-conjugating enzyme E2 17 kDa,UBE2B Cellular localisation: Cell membrane. Nucleus. In peripheral neurons, expressed both at the plasma membrane and in nuclei. Molecular Weight: 17kDa 7320 Gene ID: UniProt: P63146 **Application Details** Known\_Application: Flow Cytometry (1-2 µg/million cells), Immunofluorescence (1-2 µg/mL), **Application Notes:** ,Optimal dilution for a specific application should be determined. Positive\_Control: HeLa, K562 or Jurkat cells. Restrictions: For Research Use only Handling Concentration: 1.0 mg/mL Buffer: Prepared in 10 mM PBS, WITHOUT BSA and Azide.

Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-

Preservative:

Storage Comment:

Storage:

**Expiry Date:** 

Azide free

-20 °C,-80 °C

hazardous.

24 months