

## Mouse Monoclonal Antibody to UBE1L

<b>Catalogue Number</b>	sAP-0447
<b>Target Molecule</b>	<p><b>Name:</b> UBE1L</p> <p><b>Aliases:</b> D8; UBE2; UBA1B; UBE1L; MGC12713; UBA7</p> <p><b>MW:</b> 112kDa</p> <p><b>Entrez Gene ID:</b> 7318</p>
<b>Description</b>	<p>The modification of proteins with ubiquitin is an important cellular mechanism for targeting. Tissue specificity: Expressed in a variety of normal and tumor cell types, but is reduced in lung cancer cell lines abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E1 ubiquitin-activating enzyme family. The encoded enzyme is a retinoid target that triggers promyelocytic leukemia (PML)/retinoic acid receptor alpha (RARalpha) degradation and apoptosis in acute promyelocytic leukemia, where it is involved in the conjugation of the ubiquitin-like interferon-stimulated gene 15 protein.</p>
<b>Immunogen</b>	Purified recombinant fragment of human UBE1L expressed in E. Coli.
<b>Reactive Species</b>	Human
<b>Clone</b>	MM5B10;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. Cancer Res. 1992 Mar 15;52(6):1536-41 ; 2. Proc Natl Acad Sci U S A. 1993 Jul 1;90(13):6071-5. ; 3. Proc Natl Acad Sci U S A. 2002 Mar 19;99(6):3806-11.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**