



Product Datasheet UBE2S Antibody (orb1291702)

Catalog Number orb1291702

Category Antibodies

Description Anti-UBE2S Antibody. Tested in ELISA, Flow Cytometry, IF, ICC, WB applications.

This antibody reacts with Human, Rat.

Clonality Polyclonal

Species/Host Rabbit

Isotype Rabbit IgG

Conjugation Unconjugated

Reactivity Human, Rat

Form/Appearance Lyophilized

Concentration Adding 0.2 ml of distilled water will yield a concentration of 500 µg/ml.

Purification Immunogen affinity purified.

Immunogen E.coli-derived human UBE2S recombinant protein (Position: E6-H155).

UniProt ID Q16763

MW 24 kDa

Tested applications ELISA, FC, ICC, IF, WB

Application notes Western blot, 0.25-0.5 μg/ml, Human, Rat

Immunocytochemistry/Immunofluorescence, 5 μ g/ml, Human Flow Cytometry (Fixed), 1-3 μ g/1x106 cells, Human ELISA, 0.1-0.5 μ g/ml, -. Adding 0.2 ml of

distilled water will yield a concentration of 500 µg/ml

Cross Reactivity No cross-reactivity with other proteins.

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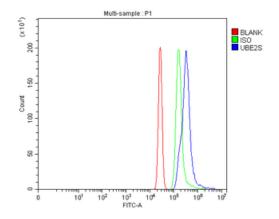
Antibody Type Primary Antibody

Storage Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -

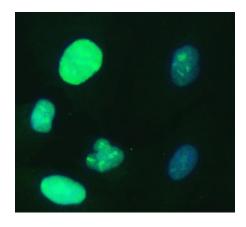
20°C in small aliquots to prevent freeze-thaw cycles.

Note For research use only

Expiration Date 12 months from date of receipt.



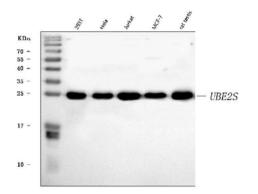
Flow Cytometry analysis of HL-60 cells using anti-UBE2S antibody. Overlay histogram showing HL-60 cells (Blue line). To facilitate intracellular staining, cells were fixed with 4% paraformaldehyde and permeabilized with permeabilization buffer. The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-UBE2S Antibody (1 $\mu g/1x10^6$ cells) for 30 min at 20°C. DyLight®488 conjugated goat anti-rabbit IgG (5-10 $\mu g/1x10^6$ cells) was used as secondary antibody for 30 minutes at 20°C. Isotype control antibody (Green line) was rabbit IgG (1 $\mu g/1x10^6$) used under the same conditions. Unlabelled sample without incubation with primary antibody and secondary antibody (Red line) was used as a blank control.



IF analysis of UBE2S using anti-UBE2S antibody. UBE2S was detected in an immunocytochemical section of A549 cells. Enzyme antigen retrieval was performed using IHC enzyme antigen retrieval reagent for 15 mins. The cells were blocked with 10% goat serum. And then incubated with 5 μg/mL rabbit anti-UBE2S Antibody overnight at 4°C. DyLight®488 Conjugated Goat Anti-Rabbit IgG was used as secondary antibody at 1:100 dilution and incubated for 30 minutes at 37°C. The section was counterstained with DAPI. Visualize using a fluorescence microscope and filter sets appropriate for the label used.







Western blot analysis of UBE2S using anti-UBE2S antibody. Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human 293T whole cell lysates, Lane 2: human Hela whole cell lysates, Lane 3: human Jurkat whole cell lysates, Lane 4: human MCF-7 whole cell lysates, Lane 4: rat testis tissue lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-UBE2S antigen affinity purified polyclonal antibody at $0.5 \mu g/mL$ overnight at 4°C, then washed with TBS-0.1% Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for UBE2S at approximately 24 kDa. The expected band size for UBE2S is at 24 kDa.