


Product datasheet

Anti-Ube2L3/UBCH7 antibody [EPR4368] ab108936

Recombinant RabMAb

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Overview

Product name	Anti-Ube2L3/UBCH7 antibody [EPR4368]
Description	Rabbit monoclonal [EPR4368] to Ube2L3/UBCH7
Host species	Rabbit
Tested applications	Suitable for: ICC/IF, WB, IHC-P Unsuitable for: Flow Cyt
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: HeLa, LNCaP, Jurkat and K562 cell lysates IHC-P: Human testis tissue IF: HeLa cells
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
Purity	Tissue culture supernatant
Clonality	Monoclonal
Clone number	EPR4368

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab108936 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		1/100 - 1/250.
WB		1/1000 - 1/10000. Predicted molecular weight: 18 kDa.
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. Heat up to 98 degrees C, below boiling, and then let cool for 10-20 min.

Application notes

Is unsuitable for Flow Cyt.

Target

Function

Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro catalyzes 'Lys-11'-linked polyubiquitination. Involved in the selective degradation of short-lived and abnormal proteins. Down-regulated during the S-phase it is involved in progression through the cell cycle. Regulates nuclear hormone receptors transcriptional activity. May play a role in myelopoiesis.

Tissue specificity

Ubiquitous, with highest expression in testis.

Pathway

Protein modification; protein ubiquitination.

Sequence similarities

Belongs to the ubiquitin-conjugating enzyme family.

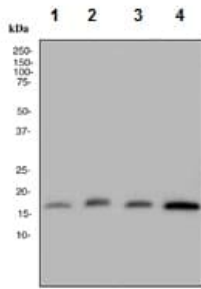
Post-translational modifications

Ubiquitinated. The alteration of UBE2L3 protein levels during the S-phase of the cell cycle is due to ubiquitin-dependent proteasomal degradation.

Cellular localization

Nucleus. Cytoplasm.

Images



Western blot - Anti-Ube2L3/UBCH7 antibody [EPR4368] (ab108936)

All lanes : Anti-Ube2L3/UBCH7 antibody [EPR4368] (ab108936) at 1/1000 dilution

Lane 1 : HeLa cell lysate

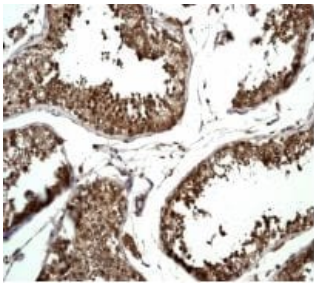
Lane 2 : LNCaP cell lysate

Lane 3 : Jurkat cell lysate

Lane 4 : K562 cell lysate

Lysates/proteins at 10 µg per lane.

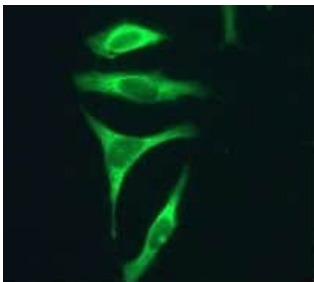
Predicted band size: 18 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Ube2L3/UBCH7 antibody [EPR4368] (ab108936)

ab108936, at a 1/100 dilution, staining Ube2L3/UBCH7 in paraffin-embedded Human testis tissue

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunocytochemistry/ Immunofluorescence - Anti-Ube2L3/UBCH7 antibody [EPR4368] (ab108936)

ab108936, at a 1/100 dilution, staining Ube2L3/UBCH7 in HeLa cells

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-Ube2L3/UBCH7 antibody [EPR4368]
(ab108936)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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