

Product datasheet

Anti-USP11 antibody [EPR4346] - BSA and Azide free ab239957

KO VALIDATED Recombinant RabMAb[®]

4 Images

Overview

Product name	Anti-USP11 antibody [EPR4346] - BSA and Azide free
Description	Rabbit monoclonal [EPR4346] to USP11 - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: Flow Cyt, IP, WB Unsuitable for: IHC-P
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide within Human USP11 aa 850-950. The exact sequence is proprietary. Database link: P51784
General notes	<p>Ab239957 is the carrier-free version of ab109232. This format is designed for use in antibody labeling, including fluorochromes, metal isotopes, oligonucleotides, enzymes.</p> <p>Our carrier-free formats are supplied in a buffer free of BSA, sodium azide and glycerol for higher conjugation efficiency.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>ab239957 is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm.</p> <p><i>Maxpar[®] is a trademark of Fluidigm Canada Inc.</i></p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <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 <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR4346
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab239957** 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
Flow Cyt		Use at an assay dependent concentration. ab199376 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
IP		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Detects a band of approximately 110 kDa (predicted molecular weight: 110 kDa).

Application notes Is unsuitable for IHC-P.

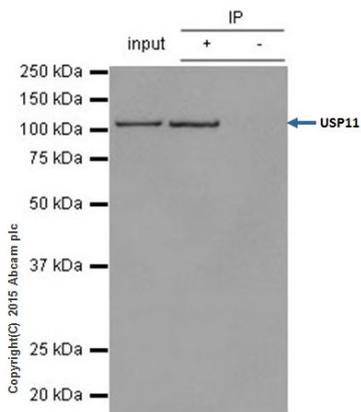
Target

Function Protease that can remove conjugated ubiquitin from target proteins and polyubiquitin chains. Inhibits the degradation of target proteins by the proteasome. Plays a role in the regulation of pathways leading to NF-kappa-B activation. Plays a role in the regulation of DNA repair after double-stranded DNA breaks.

Sequence similarities Belongs to the peptidase C19 family.
Contains 1 DUSP domain.

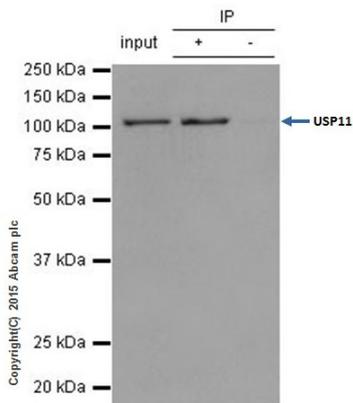
Cellular localization Nucleus. Cytoplasm. Predominantly nuclear. Associates with chromatin.

Images



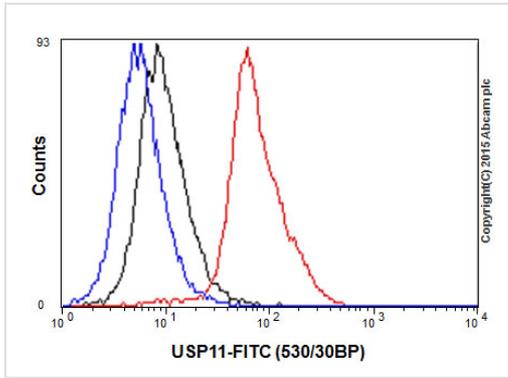
Immunoprecipitation - Anti-USP11 antibody
[EPR4346] - BSA and Azide free (ab239957)

[ab109232](#) (purified) at 1/300 immunoprecipitating USP11 in 10 µg HEK293 (Lanes 1 and 2, observed at 110 kDa). Lane 3 - PBS. For western blotting, a HRP-conjugated anti-rabbit IgG, specific to the non-reduced form of IgG was used as the secondary antibody (1/1500). Blocking buffer and concentration: 5% NFDm/TBST Dilution buffer and concentration: 5% NFDm/TBST This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab109232](#)).



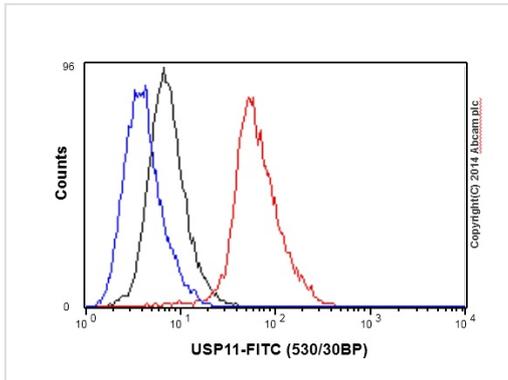
Immunoprecipitation - Anti-USP11 antibody
[EPR4346] - BSA and Azide free (ab239957)

[ab109232](#) (purified) at 1/300 immunoprecipitating USP11 in 10 µg Jurkat (Lanes 1 and 2, observed at 110 kDa). Lane 3 - PBS. For western blotting, a HRP-conjugated anti-rabbit IgG, specific to the non-reduced form of IgG was used as the secondary antibody (1/1500). Blocking buffer and concentration: 5% NFDm/TBST Dilution buffer and concentration: 5% NFDm/TBST This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab109232](#)).



Flow Cytometry - Anti-USP11 antibody [EPR4346] - BSA and Azide free (ab239957)

Overlay histogram showing Jurkat cells fixed in 4% PFA and stained with purified [ab109232](#) at a dilution of 1 in 950 (red line). The secondary antibody used was FITC goat anti-rabbit at a dilution of 1 in 500. Rabbit monoclonal IgG was used as an isotype control (black line) and cells incubated in the absence of both primary and secondary antibody were used as a negative control (blue line). This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab109232](#)).



Flow Cytometry - Anti-USP11 antibody [EPR4346] - BSA and Azide free (ab239957)

Flow cytometry analysis of 2% paraformaldehyde fixed Jurkat (Human T cell leukemia cells from peripheral blood) cells labeling USP11 with unpurified [ab109232](#) at 1/570 dilution (red line). Secondary antibody used is a goat anti rabbit IgG (FITC) at 1/150 dilution. The isotype control is rabbit monoclonal IgG (black line). The unlabeled control is cells without incubation with primary and secondary antibodies (blue line).

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab109232](#)).

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