Datasheet for ABIN184893

anti-UBE2S antibody (N-Term)

3 Images

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Overview

Quantity:	100 µg
Target:	UBE2S
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This UBE2S antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	E2-EPF / UBE2S
Immunogen:	Peptide with sequence NSNVENLPPHIIR-C, from the N Terminus of the protein sequence according to NP_055316.2.
Sequence:	NSNVENLPPH IIR
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

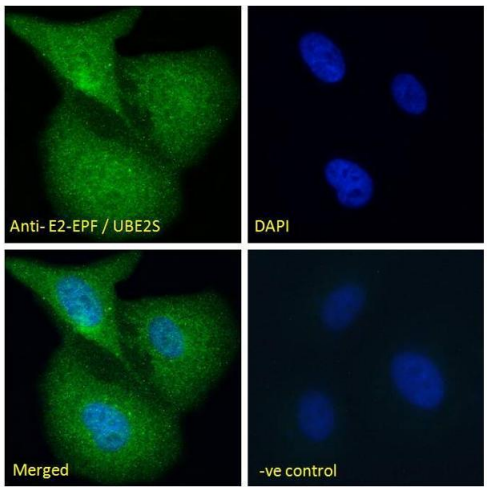
Target:	UBE2S
Alternative Name:	UBE2S (UBE2S Products)
Background:	E2-EPF, ubiquitin carrier protein, ubiquitin-protein ligase, ubiquitin-conjugating enzyme E2-24 kD, UBE2S, ubiquitin-conjugating enzyme E2S, E2EPF, EPF5, ubiquitin carrier protein S, ubiquitin-protein ligase S
Gene ID:	27338, 77891
NCBI Accession:	NP_055316
Pathways:	Ubiquitin Proteasome Pathway

Application Details

Application Notes:	Peptide ELISA: antibody detection limit dilution 1:32000.
Comment:	**Immunofluorescence:** Strong expression of the protein seen in the cytoplasm and nuclei of A431 and HeLa cells. Recommended concentration: 10µg/ml. **Flow Cytometry:** Flow cytometric analysis of HeLa cells. Recommended conc
Restrictions:	For Research Use only

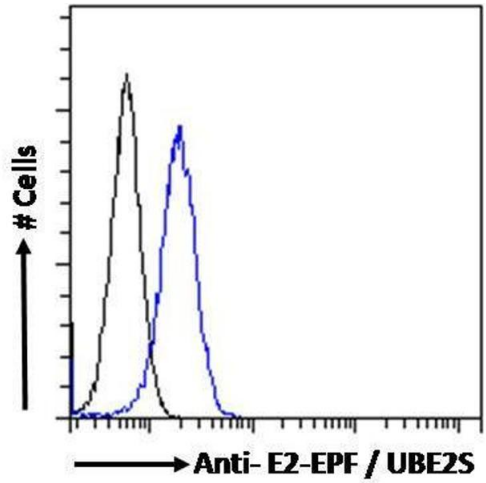
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



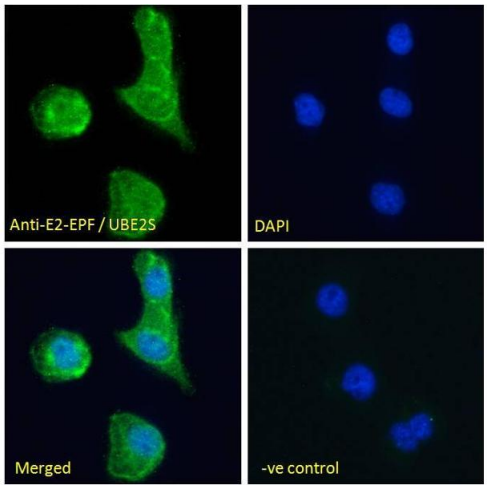
Immunofluorescence

Image 1. ABIN184893 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic and nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



Flow Cytometry

Image 2. ABIN184893 Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Immunofluorescence

Image 3. ABIN184893 Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic and nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).