

## Product Datasheet

### Anti-UBE2C [SAIC-41A-1] (orb1089976)

<b>Catalog Number</b>	orb1089976
<b>Category</b>	Antibodies
<b>Description</b>	Rabbit monoclonal antibody to UBE2C
<b>Target</b>	UBE2C
<b>Clonality</b>	Monoclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Concentration</b>	1 mg/ml
<b>Buffer/Preservatives</b>	PBS with 0.02% Proclin 300.
<b>Purity</b>	Purified
<b>Immunogen</b>	Peptide "GISAFPESDNLFK", derived from the Ubiquitin-conjugating enzyme E2C, conjugated to KLH.
<b>UniProt ID</b>	<b>000762</b>
<b>Tested applications</b>	ELISA, WB
<b>Specificity</b>	Recognises human UBE2C.
<b>Clone Number</b>	SAIC-41A-1

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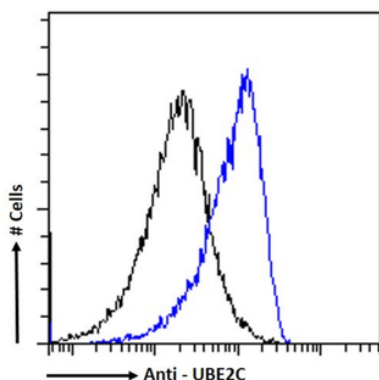
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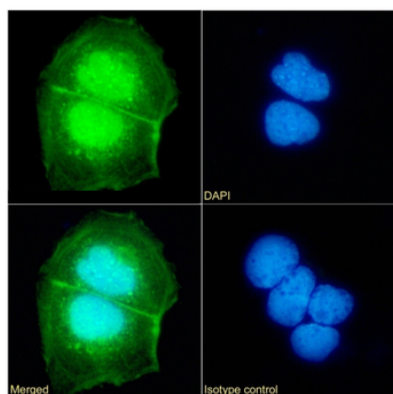
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<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



Flow cytometry using the anti-UBE2C antibody SAIC-41A-1. Paraformaldehyde fixed MCF7 cells permeabilized with 0.5% Triton were stained with anti-unknown specificity antibody (orb256458; isotype control, black line) or the rabbit IgG version of SAIC-41A-1 (orb1089976, blue line) at a dilution of 1:100 for 1h at RT. After washing, the bound antibody was detected using a goat anti-rabbit IgG AlexaFluor® 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.



Immunofluorescence staining of Caco-2 cells with anti-UBE2C SAIC-41A-1. Immunofluorescence analysis of paraformaldehyde fixed Caco-2 cells permeabilized with 0.15% Triton stained with the chimeric rabbit IgG version of SAIC-41A-1 (orb1089976) (1:100 dilution) for 1h followed by Alexa Fluor® 488 secondary antibody (1:1000 dilution), showing NUCLEAR staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom orb1089976, DAPI, merged channels and an isotype control. The isotype control was an unknown specificity antibody (orb256458) followed by staining with Alexa Fluor® 488 secondary antibody.

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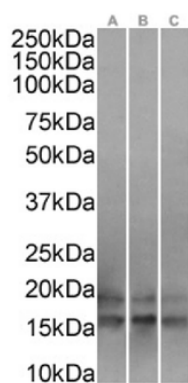
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Western Blot using anti-UBE2C antibody SAIC-41A-1. Caco-2(A) (0.3  $\mu\text{g/ml}$ ), MCF7(B) (1  $\mu\text{g/ml}$ ) and HeLa(C) (1  $\mu\text{g/ml}$ ) cell lysates (35  $\mu\text{g}$  protein in RIPA buffer) were resolved on a SDS PAGE gel and blots were probed with the chimeric rabbit version of SAIC-41A-1 (orb1089976) before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence.

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