

## Product Datasheet

### F13A1 Antibody (N-Term) (orb1925409)

<b>Catalog Number</b>	orb1925409
<b>Category</b>	Antibodies
<b>Description</b>	F13A1 Antibody (N-Term)
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	Rabbit IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse, Rat
<b>Form/Appearance</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>UniProt ID</b>	<b>P00488</b>
<b>MW</b>	83267 Da
<b>Tested applications</b>	FC, IF, WB
<b>Dilution range</b>	IF - 1:25, FC - 1:25, WB - 1:2000
<b>Specificity</b>	This F13A1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 170-204 amino acids from the human region of human F13A1.
<b>Antibody Type</b>	Primary Antibody

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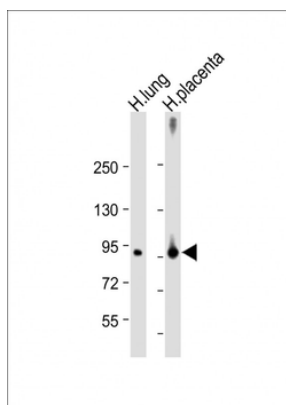
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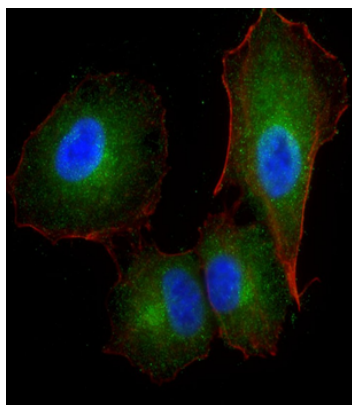
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- Storage** Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
- Note** For research use only
- Expiration Date** 12 months from date of receipt.



All lanes: Anti-F13A1 Antibody (N-Term) at 1:2000 dilution. Lane 1: Human lung lysate. Lane 2: Human placenta lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 83 kDa. Blocking/Dilution buffer: 5% NFDm/TBST.



Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized A549 cells labeling F13A1 at 1/25 dilution, followed by Dylight 488-conjugated goat anti-Rabbit IgG secondary antibody at 1/200 dilution (green). Immunofluorescence image showing cytoplasm staining on A549 cell line. Cytoplasmic actin is detected with Dylight 554 Phalloidin (1186255) at 1/500 dilution (red). The nuclear counter stain is DAPI (blue).

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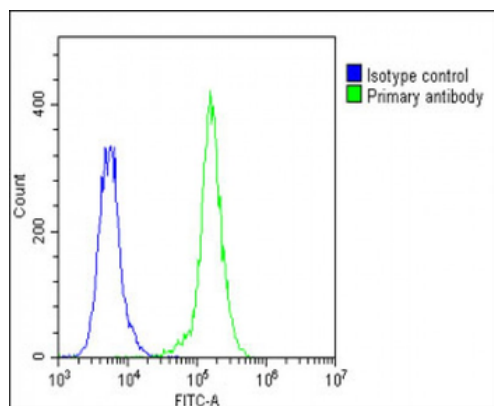
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Overlay histogram showing A549 cells stained (green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (1:25 dilution) for 60 min at 37°C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight 488 Conjugated Highly Cross-Adsorbed (1583138) at 1/200 dilution for 40 min at 37°C. Isotype control antibody (blue line) was rabbit IgG1 (1 µg/1x10<sup>6</sup> cells) used under the same conditions. Acquisition of > 10000 events was performed.

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