

## Product Datasheet

### OVGP1 Antibody (N-Term) (orb1925610)

|                            |  |
|----------------------------|--|
| <b>Catalog Number</b>      | orb1925610   |
| <b>Category</b>            | Antibodies   |
| <b>Description</b>         | Purified Rabbit Polyclonal Antibody (Pab)  |
| <b>Target</b>              | OVGP1  |
| <b>Clonality</b>           | Polyclonal   |
| <b>Species/Host</b>        | Rabbit   |
| <b>Isotype</b>             | Rabbit IgG   |
| <b>Conjugation</b>         | Unconjugated   |
| <b>Reactivity</b>          | Human  |
| <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>Immunogen</b>           | This OVGP1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 107-137 amino acids from human OVGP1.                               |
| <b>UniProt ID</b>          | <a href="#">Q12889</a>   |
| <b>MW</b>                  | 75421 Da   |
| <b>Tested applications</b> | FC, IHC-P, WB  |
| <b>Dilution range</b>      | WB - 1:2000, IHC-P - 1:25, FC - 1:25   |
| <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                                       |

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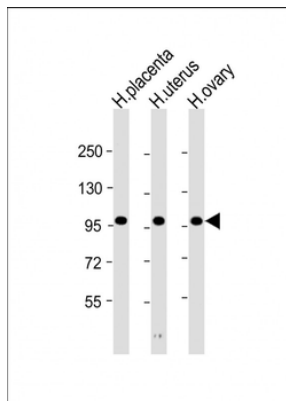
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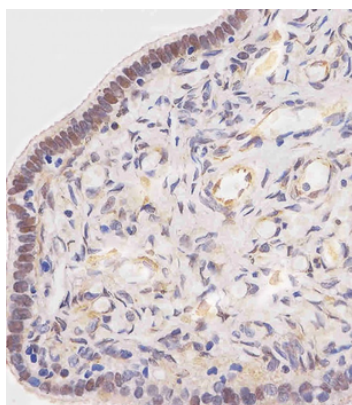
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**Note** For research use only

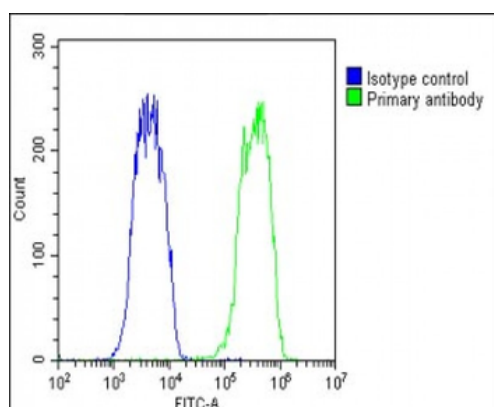
**Expiration Date** 12 months from date of receipt.



All lanes: Anti-OVGP1 Antibody (N-Term) at 1:2000 dilution.  
Lane 1: human placenta lysate. Lane 2: human uterus lysate.  
Lane 3: human ovary lysate. Lysates/proteins at 20  $\mu$ g per lane.  
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 75 kDa.  
Blocking/Dilution buffer: 5% NFDM/TBST.



Staining OVGP1 in human fallopian tube tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



Overlay histogram showing HeLa 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  $\mu$ g/1x10<sup>6</sup> cells) used under the same conditions. Acquisition of > 10000 events was performed.

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