Datasheet for ABIN6242906

anti-OVGP1 antibody (AA 107-137)

3 Images

Go to Product page

Overview

Quantity:	200 µL
Target:	OVGP1
Binding Specificity:	AA 107-137
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OVGP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	This OVGP1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 107-137 amino acids from human OVGP1.
Clone:	RB55148
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	OVGP1
Alternative Name:	OVGP1 (OVGP1 Products)

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Target Details

Background:	Binds to oocyte zona pellucida in vivo. May play a role in the fertilization process and/or early embryonic development.
Molecular Weight:	75421
UniProt:	Q12889

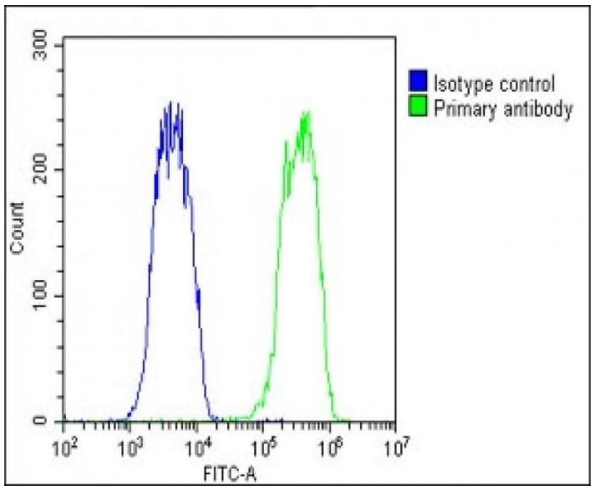
Application Details

Application Notes:	WB: 1:2000. IHC-P: 1:25. FC: 1:25
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

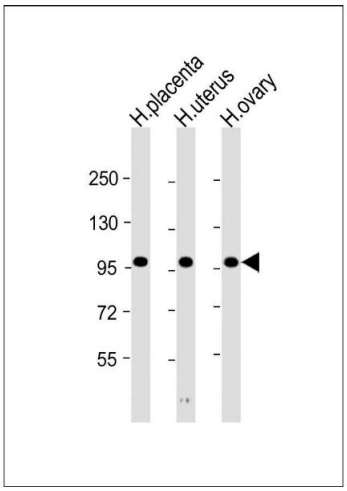
Images



Flow Cytometry

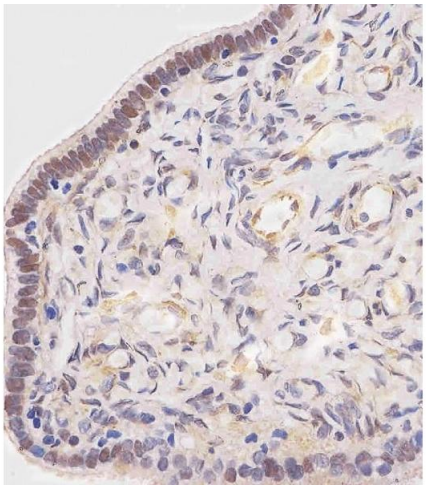
Image 1. Overlay histogram showing Hela cells stained with (ABIN6242906 and ABIN6578758)(green line). The cells were fixed with 2 % paraformaldehyde (10 min) and then permeabilized with 90 % methanol for 10 min. The cells were then icubated in 2 % bovine serum albumin to block non-specific protein-protein interactions followed by the antibody ((ABIN6242906 and ABIN6578758), 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 µ

g/1x10^6 cells) used under the same conditions. Acquisition of >10, 000 events was performed.



Western Blotting

Image 2. 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 µg 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.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. (ABIN6242906 and ABIN6578758) 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 (pH 6). 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.