

**ARG44104**  
**anti-OVGP1 antibody**

Package: 50 µg

Store at: -20°C

**Summary**

Product Description	Rabbit Polyclonal recognizes OVGP1
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	OVGP1
Species	Human
Immunogen	Human OVGP1 recombinant protein (Position: E118-E667).
Conjugation	Un-conjugated
Alternate Names	MUC9; Mucin-9; Oviductal glycoprotein; Estrogen-dependent oviduct protein; EGP; OGP; CHIT5; Oviductin; Oviduct-specific glycoprotein

**Application Instructions**

Application table	Application	Dilution
	FACS	1 - 3 µg/10 <sup>6</sup> cells
	WB	0.1 - 0.25 µg/ml
Application Note	The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

**Properties**

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

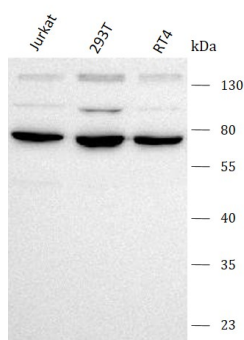
Bioinformation

Gene Symbol	OVGP1
Gene Full Name	oviductal glycoprotein 1, 120kDa
Background	This gene encodes a large, carbohydrate-rich, epithelial glycoprotein with numerous O-glycosylation sites located within threonine, serine, and proline-rich tandem repeats. The gene is similar to members of the mucin and the glycosyl hydrolase 18 gene families. Regulation of expression may be estrogen-dependent. Gene expression and protein secretion occur during late follicular development through early cleavage-stage embryonic development. The protein is secreted from non-ciliated oviductal epithelial cells and associates with ovulated oocytes, blastomeres, and spermatozoan acrosomal regions. [provided by RefSeq, Jul 2008]
Function	Binds to oocyte zona pellucida in vivo. May play a role in the fertilization process and/or early embryonic development. [UniProt]
Calculated Mw	75 kDa
Cellular Localization	Cytoplasmic vesicle, secretory vesicle. Note=Secretory granules. [UniProt]

Images

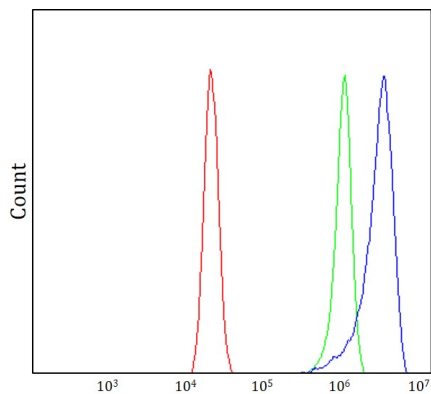
ARG44104 anti-OVGP1 antibody WB image

Western blot: Jurkat, 293T and RT4 stained with ARG44104 anti-OVGP1 antibody at 0.5 µg/mL dilution.



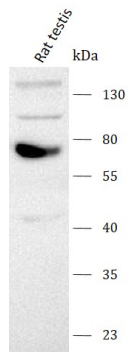
ARG44104 anti-OVGP1 antibody FACS image

Flow Cytometry: RT4 stained with ARG44104 anti-OVGP1 antibody at 1 µg/10^6 cells dilution.



#### ARG44104 anti-OVGP1 antibody WB image

Western blot: Rat testis stained with ARG44104 anti-OVGP1 antibody at 0.5  $\mu\text{g}/\text{mL}$  dilution.



#### ARG44104 anti-OVGP1 antibody WB image

Western blot: Mouse ovary and Mouse testis stained with ARG44104 anti-OVGP1 antibody at 0.5  $\mu\text{g}/\text{mL}$  dilution.

