

# Product Datasheet

## EG-VEGF/PK1 Antibody NB100-2901

Unit Size: 0.2 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NB100-2901****EG-VEGF/PK1 Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	0.2 ml
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Reconstitution Instructions</b>	Lyophilized powder, reconstituted in distilled water.
<b>Isotype</b>	IgG
<b>Purity</b>	Unpurified
<b>Buffer</b>	Antiserum

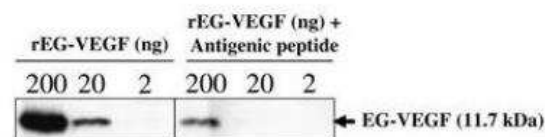
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	84432
<b>Gene Symbol</b>	PROK1
<b>Species</b>	Human
<b>Reactivity Notes</b>	94% sequence identity with mouse and 82% with rat proteins.
<b>Immunogen</b>	Synthetic peptide derived from N terminal region of Human prokinectin 1.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:200, Flow Cytometry 1:100, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:100-1:1000

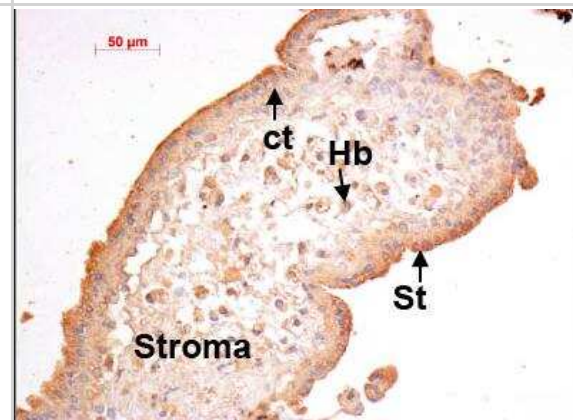


## Images

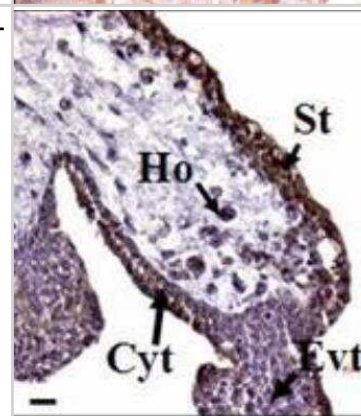
Western Blot: EG-VEGF/PK1 Antibody [NB100-2901] - The sensitivity of EG-VEGF antibody was tested by Western blot on indicated quantities of recombinant human (r) EG-VEGF. The specificity was tested in the presence of 9.6 ug/ml antigenic peptide corresponding to 20 times the concentration of EG-VEGF antibody used in this experiment. Courtesy of Pascale Hoffmann, Jean-Jacques Feige, Nadia Alfaidy, et al 4/1/2006.



Immunohistochemistry: EG-VEGF/PK1 Antibody [NB100-2901] - IHC staining of placental villi at (Ct: Cytotrophoblast, Hb: Hofbauer cells, St: Syncytiotrophoblast)



Immunohistochemistry-Paraffin: EG-VEGF/PK1 Antibody [NB100-2901] - Cytotrophoblast(Cyt), Hofbauer Cells(Ho), Extravillous trophoblast(EVT), Syncytiotrophoblast(st)



## Publications

Hoffmann P, Feige JJ, Alfaidy N. Expression and oxygen regulation of endocrine gland-derived vascular endothelial growth factor/prokineticin-1 and its receptors in human placenta during early pregnancy. *Endocrinology*;147(4):1675-84. 2006-04-01 [PMID: 16384869]



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### Products Related to NB100-2901

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-61316-5ug	Recombinant Human EG-VEGF/PK1 Protein

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### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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