

Recombinant Anti-EG-VEGF Rabbit mAb

Catalog # AP95303

Product Information

Application	WB, FC
Primary Accession	P58294
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Monoclonal
Calculated MW	11715

Additional Information

Gene ID	84432
Other Names	Prokineticin-1; Endocrine-gland-derived vascular endothelial growth factor; EG-VEGF; Mambakine
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within human EG-VEGF protein. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) FC~~1:10~50
Format	Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	PROK1
Function	Potently contracts gastrointestinal (GI) smooth muscle. Induces proliferation, migration and fenestration (the formation of membrane discontinuities) in capillary endothelial cells derived from endocrine glands. Has little or no effect on a variety of other endothelial and non-endothelial cell types. Induces proliferation and differentiation, but not migration, of enteric neural crest cells. Directly influences neuroblastoma progression by promoting the proliferation and migration of neuroblastoma cells. Positively regulates PTGS2 expression and prostaglandin synthesis. May play a role in placentation. May play a role in normal and pathological testis angiogenesis.
Cellular Location	Secreted.
Tissue Location	Localizes to glandular epithelium, stroma and vascular epithelial cells of first trimester decidua (at protein level). Up-regulated in first trimester decidua when compared with non- pregnant endometrium. Expressed in the steroidogenic glands, ovary, testis, adrenal and placenta.

Images



Western blot analysis of EG-VEGF expression in Raw264.7 (A) whole cell lysates. (Predicted band size: 12 kD; Observed band size: 14 kD)

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