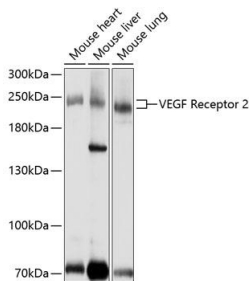


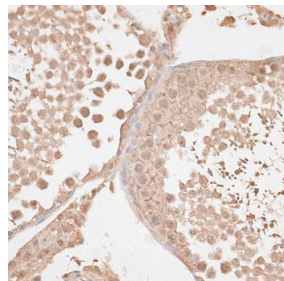
<b>Cat. No:</b>	AB-84207
<b>Size:</b>	100 ug
<b>Clone:</b>	POLY
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rb
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 20-200 of human VEGF Receptor 2
<b>Reactivity:</b>	Hu, Ms, Rt
<b>Applications:</b>	Western Blot: 1:500 - 1:2000 Immunohistochemistry: 1:50 - 1:200
<b>Molecular Weight:</b>	240kDa
<b>Purification:</b>	Aff. Pur.
<b>Synonyms:</b>	CD309;FLK1;VEGFR;VEGFR2;VEGF Receptor 2;KDR
<b>Background:</b>	Vascular endothelial growth factor (VEGF) is a major growth factor for endothelial cells. This gene encodes one of the two receptors of the VEGF. This receptor, known as kinase insert domain receptor, is a type III receptor tyrosine kinase. It functions as the main mediator of VEGF-induced endothelial proliferation, survival, migration, tubular morphogenesis and sprouting. The signalling and trafficking of this receptor are regulated by multiple factors, including Rab GTPase, P2Y purine nucleotide receptor, integrin alphaVbeta3, T-cell protein tyrosine phosphatase, etc.. Mutations of this gene are implicated in infantile capillary hemangiomas.
<b>Form:</b>	Liquid
<b>Buffer:</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles.



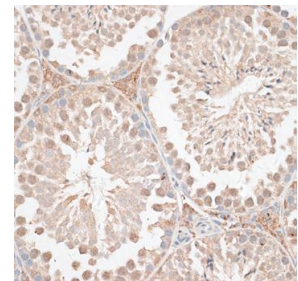
Western blot analysis of extracts of various cell lines, using VEGF Receptor 2 antibody at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.



Immunohistochemistry of paraffin embedded rat testis using VEGF Receptor 2 antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin embedded mouse testis using VEGF Receptor 2 antibody at dilution of 1:100 (40x lens).

Detection: ECL West Pico Plus.  
Exposure time: 30s.

## **References**

References for VEGF Receptor 2 Polyclonal Antibody

Product: VEGF Receptor 2 Polyclonal Antibody

Journal:cellular physiology and biochemistry

Application:WB

IF:5.5

Species:Mouse

PMID:29614494

Title: DEPTOR Deficiency-Mediated mTORc1 Hyperactivation in Vascular Endothelial Cells Promotes Angiogenesis

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