

Datasheet: AHP1600

Description:	RABBIT ANTI HUMAN VEGF RECEPTOR 1 (EXTRACELLULAR DOMAIN)
Specificity:	VEGF RECEPTOR 1 (EXTRACELLULAR DOMAIN)
Other names:	FLT-1
Format:	Serum
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 ml

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			
Immunoprecipitation			▪	
Western Blotting	▪			1/500 - 1/1000
Functional Assays			▪	

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Human
Species Cross Reactivity	Reacts with: Rat N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Serum - liquid
Antiserum Preparation	Antisera to human VEGF receptor 1 were raised by repeated immunisations of rabbits with highly purified antigen.
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃) 0.5% Bovine Serum Albumin
Immunogen	Peptide corresponding to the N-terminal (extracellular) domain of human VEGF receptor 1.
External Database Links	UniProt: P17948 Related reagents

Entrez Gene:[2321](#) FLT1 [Related reagents](#)

Synonyms	FLT, FRT
Specificity	Rabbit anti Human VEGF receptor 1 antibody recognizes the extracellular (N-terminal) domain of human Vascular Endothelial Growth Factor Receptor 1, also known as VEGFR1 or Flt-1. VEGFR1 is a ~180 kDa membrane receptor tyrosine kinase. It is expressed by almost all vascular endothelial cell and some peripheral blood monocytes. Vascular Endothelial Growth Factor is a regulator of physiological angiogenesis during embryogenesis, skeletal growth and reproductive functions.
Western Blotting	AHP1600 detects a band of approximately 75kDa in human endothelial cell lysate.
Storage	Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Shelf Life	18 months from date of despatch.
Health And Safety Information	Material Safety Datasheet Documentation #10082 available at: https://www.bio-rad-antibodies.com/uploads/MSDS/10082.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (2AB02...)	Biotin
Sheep Anti Rabbit IgG (STAR34...)	FITC
Sheep Anti Rabbit IgG (STAR35...)	RPE
Goat Anti Rabbit IgG (Fc) (STAR121...)	Biotin , FITC , HRP
Goat Anti Rabbit IgG (H/L) (STAR124...)	HRP
Sheep Anti Rabbit IgG (STAR54...)	HRP
Sheep Anti Rabbit IgG (STAR36...)	DyLight®488 , DyLight®549 , DyLight®649 , DyLight®680 , DyLight®800

Recommended Useful Reagents

[TidyBlot™ WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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