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

RRID AB_2294284

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.

<table>
<thead>
<tr>
<th>Applications</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<tbody>
<tr>
<td>Flow Cytometry</td>
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<td>Immunohistology - Frozen</td>
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<td>Immunohistology - Paraffin</td>
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<td>ELISA</td>
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<td>Immunoprecipitation</td>
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<tr>
<td>Western Blotting</td>
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<td></td>
<td></td>
<td>1/500 - 1/1000</td>
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<td>Functional Assays</td>
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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
- 0.09% Sodium Azide (NaN₃)

Stabilisers
- 0.5% Bovine Serum Albumin

Immunogen Peptide corresponding to the N-terminal (extracellular) domain of human VEGF receptor 1.

External Database Links
UniProt:
**Related reagents**

**Related reagents**

**Entrez Gene:**

<table>
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<tr>
<th>Gene ID</th>
<th>Symbol</th>
<th>Related reagents</th>
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<tbody>
<tr>
<td>2321</td>
<td>FLT1</td>
<td>Related reagents</td>
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**Synonyms**

<table>
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<tr>
<th>Synonym</th>
<th>Related reagents</th>
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<tr>
<td>FLT, FRT</td>
<td>Related reagents</td>
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**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.

**Guarantee**

18 months from date of despatch.

**Health And Safety Information**


**Regulatory**

For research purposes only

**Recommended Products**

**Recommended Secondary Antibodies**

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

**Recommended Useful Reagents**

TidyBlot WESTERN BLOT DETECTION REAGENT:HRP (STAR209P)

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