

## Datasheet: AHP2398B

<b>Description:</b>	GOAT ANTI PIG VEGF-A:Biotin
<b>Specificity:</b>	VEGF-A
<b>Other names:</b>	VPF
<b>Format:</b>	Biotin
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	50 µg

## 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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			0.01ug/ml - 0.2ug/ml
Immunoprecipitation			▪	
Western Blotting			▪	

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.

<b>Target Species</b>	Pig
<b>Species Cross Reactivity</b>	<p>Reacts with: Cat, Dog</p> <p><b>N.B.</b> Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.</p>
<b>Product Form</b>	Purified IgG conjugated to Biotin - liquid
<b>Antiserum Preparation</b>	Antisera to pig VEGF-A were raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
<b>Buffer Solution</b>	Phosphate buffered saline

<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml
<b>Immunogen</b>	Recombinant pig VEGF-A
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P49151</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">397157</a>    VEGFA    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	VEGF
<b>Specificity</b>	<p><b>Goat anti Pig VEGF-A antibody</b> recognizes porcine vascular endothelial growth factor A (VEGF-A), also known as vascular permeability factor (VPF). VEGF-A is a disulfide-linked homodimer belonging to the PDGF / VEGF family of growth factors.</p> <p>Porcine VEGF-A is a growth factor that induces cell proliferation in endothelial cells. It is important in endothelial cell growth, vasculogenesis and angiogenesis. VEGF-A is also active in the induction of blood vessel permeability.</p>
<b>ELISA</b>	This product may be used as a detection antibody in a sandwich ELISA together with <a href="#">AHP2398</a> as the capture reagent. Recombinant Pig VEGF-A ( <a href="#">PPP030</a> ) may be used as a standard.
<b>References</b>	1. Dawson, H.D. <i>et al.</i> (2020) Porcine cytokines, chemokines and growth factors: 2019 update. <a href="#">Res Vet Sci. 131: 266-300.</a>
<b>Storage</b>	<p>This product is shipped at ambient temperature.</p> <p>Store at +4°C. DO NOT FREEZE.</p> <p>This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	<p>Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/AHP2398B">https://www.bio-rad-antibodies.com/SDS/AHP2398B</a></p> <p>10040</p>
<b>Regulatory</b>	For research purposes only

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)  
'M439075:250523'

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