

## Datasheet: AHP950F

**BATCH NUMBER 165704**

<b>Description:</b>	RABBIT ANTI SHEEP IgM:FITC
<b>Specificity:</b>	IgM
<b>Format:</b>	FITC
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	1 mg

### 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	▪			1/200 - 1/2000
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting			▪	

Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

<b>Target Species</b>	Sheep		
<b>Product Form</b>	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid		
<b>Max Ex/Em</b>	<b>Fluorophore</b>	<b>Excitation Max (nm)</b>	<b>Emission Max (nm)</b>
	FITC	490	525

**Antiserum Preparation** Antisera to ovine IgM were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG prepared by affinity chromatography.

**Buffer Solution** Phosphate buffered saline

**Preservative** 0.09% Sodium Azide  
**Stabilisers** 0.2% Bovine Serum Albumin

<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml
<b>RRID</b>	AB_567060
<b>Specificity</b>	<p><b>Rabbit anti sheep IgM antibody</b> recognizes ovine immunoglobulin M.</p> <p>The antibody has been shown to react specifically with ovine IgM by immunoelectrophoresis and ELISA.</p> <p>The antibody may cross react with IgM from other species.</p>
<b>References</b>	<ol style="list-style-type: none"> <li>Hine, B.C. <i>et al.</i> (2010) Selective transport of IgE into ovine mammary secretions. <a href="#">Res Vet Sci. 89 (2): 184-90.</a></li> <li>Vande Walle, K. <i>et al.</i> (2011) Rectal inoculation of sheep with <i>E. coli</i> O157:H7 results in persistent infection in the absence of a protective immune response. <a href="#">Vet Microbiol. 147 (3-4): 376-82.</a></li> <li>Marques, P.X. <i>et al.</i> (2011) Amniotic and allantoic fluids from experimentally infected sheep contain immunoglobulin specific for <i>Chlamydophila abortus</i>. <a href="#">Vet Immunol Immunopathol. 140: 1-9.</a></li> <li>Verhelst, D. <i>et al.</i> (2015) Interferon-gamma expression and infectivity of <i>Toxoplasma</i> infected tissues in experimentally infected sheep in comparison with pigs. <a href="#">Vet Parasitol. 207 (1-2): 7-16.</a></li> <li>Helder, M.R.K. <i>et al.</i> (2017) Xenoantigenicity of porcine decellularized valves. <a href="#">J Cardiothorac Surg. 12 (1): 56.</a></li> </ol>
<b>Storage</b>	<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 #10041 available at: <a href="https://www.bio-rad-antibodies.com/SDS/AHP950F">https://www.bio-rad-antibodies.com/SDS/AHP950F</a></p> <p>10041</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://www.bio-rad-antibodies.com/datasheets)  
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