Datasheet: AHP950

BATCH NUMBER 166419

Description:	RABBIT ANTI SHEEP IgM
Specificity:	IgM
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			1/100 - 1/10,000
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.

Target Species	Sheep
Product Form	Purified IgG - liquid
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 Stabilisers	0.09% Sodium Azide
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml

RRID	AB_567059
Specificity	**Rabbit anti sheep IgM antibody** recognizes ovine immunoglobulin M. The antibody has been shown to react specifically with ovine IgM by immunoelectrophoresis and ELISA. The antibody may cross react with IgM from other species.
References	1. Hine, B.C. *et al.* (2010) Selective transport of IgE into ovine mammary secretions. Res Vet Sci. 89 (2): 184-90. 2. Vande Walle, K. *et al.* (2011) Rectal inoculation of sheep with *E. coli* O157:H7 results in persistent infection in the absence of a protective immune response. Vet Microbiol. 147 (3-4): 376-82. 3. Marques, P.X. *et al.* (2011) Amniotic and allantoic fluids from experimentally infected sheep contain immunoglobulin specific for *Chlamydophila abortus*. Vet Immunol Immunopathol. 140: 1-9. 4. Verhelst, D. *et al.* (2015) Interferon-gamma expression and infectivity of *Toxoplasma* infected tissues in experimentally infected sheep in comparison with pigs. Vet Parasitol. 207 (1-2): 7-16. 5. Helder, M.R.K. *et al.* (2017) Xenoantigenicity of porcine decellularized valves. J Cardiothorac Surg. 12 (1): 56.
Storage	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/AHP950 10040
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...)	FITC
Goat Anti Rabbit IgG (H/L) (STAR124...)	HRP
Sheep Anti Rabbit IgG (STAR35...)	RPE
Goat Anti Rabbit IgG (Fc) (STAR121...)	Biotin, FITC, HRP

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