Datasheet: AAC10P

BATCH NUMBER 156531

Description:	SHEEP ANTI MOUSE IgG (H/L):HRP
Specificity:	IgG (H/L)
Format:	HRP
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
Immunohistology - Frozen (1)	▪			1/40 - 1/80
Immunohistology - Paraffin		▪		
ELISA	▪			1/5000 - 1/10000
Western Blotting	▪			1/5000 - 1/15000

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 the appropriate negative/positive controls.

(1)**The epitope recognised by this antibody is reported to be sensitive to formaldehyde fixation and tissue processing. Bio-Rad recommends the use of acetone fixation for frozen sections.**

Target Species	Mouse
Species Cross Reactivity	Does not react with:Human, Bovine, Rabbit
Product Form	Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid
Antiserum Preparation	Antisera to mouse IgG were raised by repeated immunisation of sheep with highly purified antigen. Purified IgG was prepared from whole serum by antigen affinity chromatography.
Buffer Solution	Phosphate buffered saline

Preservative Stabilisers	0.01% Thiomersal
Approx. Protein Concentrations	IgG concentration 1mg/ml
Immunogen	Polyclonal mouse IgG.
External Database Links	**UniProt:** P01869 Related reagents P01837 Related reagents P01867 Related reagents P01724 Related reagents P01865 Related reagents P01844 Related reagents P01864 Related reagents P01868 Related reagents P01843 Related reagents P01863 Related reagents P01845 Related reagents P03987 Related reagents **Entrez Gene:** 16017 Ighg1 Related reagents 16071 Igk-C Related reagents 16016 Ighg2b Related reagents 16142 Iglv1 Related reagents 110786 Iglc2 Related reagents 380793 Igh-1a Related reagents 16017 Ighg1 Related reagents 110787 Iglc3 Related reagents 380793 Igh-1a Related reagents 380793 Igh-1a Related reagents 380795 AI324046 Related reagents 433053 LOC433053 Related reagents
Synonyms	Igh-4
RRID	AB_321929
Specificity	**Sheep anti Mouse IgG (H/L) antibody** recognizes mouse IgG heavy and light chains. Sheep anti Mouse IgG (H/L) antibody has been shown to cross-react with murine IgA and IgM.

References	1. Hsiao, Y.W. *et al.* (2002) Effect of tumor infiltrating lymphocytes on the expression of MHC molecules in canine transmissible venereal tumor cells. Vet Immunol Immunopathol. 87 (1-2): 19-27. 2. Baur, K. *etal* (2010) Immediate-Early Expression of a Recombinant Antigen by Modified Vaccinia Virus Ankara Breaks the Immunodominance of Strong Vector-Specific B8R Antigen in Acute and Memory CD8 T-Cell Responses. J Virol. 84: 8743-52. 3. Pacheco, J.M. *et al.* (2010) IgA antibody response of swine to foot-and-mouth disease virus infection and vaccination. Clin Vaccine Immunol. 17: 550-8. 4. Kim HR *et al.* (2017) *In vitro* inflammatory effects of polyhexamethylene biguanide through NF-κB activation in A549 cells. Toxicol In Vitro. 38: 1-7. 5. Volkmann, A. *et al.* (2020) Recombinant Modified Vaccinia Virus Ankara (mva) Filovirus Vaccine US Patent Application: US 2020/0268872 A1
Storage	Store at +4°C or at -20°C if preferred. This product should be stored undiluted. Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. 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 #10094 available at: https://www.bio-rad-antibodies.com/SDS/AAC10P 10094
Regulatory	For research purposes only

Related Products

Recommended Useful Reagents

AbGUARD® HRP STABILIZER PLUS (BUF052A)
AbGUARD® HRP STABILIZER PLUS (BUF052B)
AbGUARD® HRP STABILIZER PLUS (BUF052C)
TMB CORE (BUF056A)
TMB CORE+ (BUF062A)
TMB SIGNAL+ (BUF054A)

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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
'M363593:200528'

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