![BIO-RAD]

Datasheet: STAR35A

BATCH NUMBER 151294

Description:	SHEEP ANTI RABBIT IgG:RPE
Specificity:	IgG
Format:	RPE
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	1 ml

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	▪			1/5 - 1/10

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

Rabbit

Product Form

Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilized

Reconstitution

Reconstitute with 1 ml distilled water

Max Ex/Em

Fluorophore	Excitation Max (nm)	Emission Max (nm)
RPE 488nm laser	496	578

Antiserum Preparation

Antisera to rabbit IgG were raised by repeated immunisation of sheep with highly purified antigen. Purified IgG prepared by affinity chromatography

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.09%	Sodium Azide
1%	Bovine Serum Albumin
5%	Sucrose

Immunogen	Rabbit IgG.

External Database Links

UniProt:

P01870   Related reagents

Entrez Gene:

100009097   LOC100009097   Related reagents

RRID	AB_321858
Specificity	**Sheep anti Rabbit IgG antibody** recognizes rabbit IgG.
Flow Cytometry	Use 50ul of the suggested working dilution to label 10^6 cells in 100ul.

References

1. Båge, T. *et al.* (2010) Signal pathways JNK and NF-kappaB, identified by global gene expression profiling, are involved in regulation of TNFalpha-induced mPGES-1 and COX-2 expression in gingival fibroblasts. BMC Genomics. 11: 241.

2. Senthilkumaran, C. *et al.* (2015) Localization of annexins A1 and A2 in the respiratory tract of healthy calves and those experimentally infected with *Mannheimia haemolytica*. Vet Res. 46: 6.

3. Williams, K.M. *et al.* (2022) Prospective Phase II Trial of Montelukast to Treat Bronchiolitis Obliterans Syndrome after Hematopoietic Cell Transplantation and Investigation into Bronchiolitis Obliterans Syndrome Pathogenesis. Transplant Cell Ther. S2666-6367(22)00049-5.

Storage

Prior to reconstitution store at +4°C. Following reconstitution store at +4°C.

DO NOT FREEZE.

This product should be stored undiluted. This product is photosensitive and should be protected from light. 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 #20487 available at:
https://www.bio-rad-antibodies.com/SDS/STAR35A
20487

Regulatory	For research purposes only

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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