![Bio-Rad logo]

Datasheet: STAR121F

BATCH NUMBER 171030A

Description:	GOAT ANTI RABBIT IgG (Fc):FITC
Specificity:	IgG (Fc)
Format:	FITC
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	▪			1/200 - 1/2000
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA			▪	
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 antibody for use in their own system using appropriate negative/positive controls.

Target Species

Rabbit

Product Form

Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid

Max Ex/Em

Fluorophore	Excitation Max (nm)	Emission Max (nm)
FITC	490	525

Antiserum Preparation Antisera to rabbit IgG were raised by repeated immunisations of goats with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.09% Sodium Azide

0.2% Bovine Serum Albumin

Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
External Database Links	**UniProt:** P01870 Related reagents **Entrez Gene:** 100009097 LOC100009097 Related reagents
RRID	AB_567028
Specificity	**Goat anti rabbit IgG antibody** recognizes the Fc region of rabbit immunoglobulin G, confirmed by ELISA and immunoelectrophoresis. The antibody has not been species cross adsorbed and may cross react with IgG from other species. It shows weak recognition of rabbit IgM in ELISA. Goat anti rabbit IgG antibody has been used successfully as a secondary detection reagent for rabbit primary antibodies using immunohistochemical techniques (Redondo *et al.* 2013).
References	1. Kalluri, S.R. *et al.* (2010) Quantification and functional characterization of antibodies to native aquaporin 4 in neuromyelitis optica. Arch Neurol. 67:1201-8. 2. Redondo, E. *et al.* (2014) Induction of interleukin-8 and interleukin-12 in neonatal ovine lung following experimental inoculation of bovine respiratory syncytial virus. J Comp Pathol. 150 (4): 434-48. 3. Tyrsina, E. *et al.* (2019) Detection and quantification of VEGFR-1 in the nuclei of tumor cells by a new flow cytometry-based method. J Immunotoxicol. 16 (1): 74-81. 4. Lin, W. *et al.* (2020) Rapid identification of anti-idiotypic mAbs with high affinity and diverse epitopes by rabbit single B-cell sorting-culture and cloning technology. PLoS One. 15 (12): e0244158. 5. Li, Y. *et al.* (2022) Low-Temperature Plasma-Activated Medium Inhibited Proliferation and Progression of Lung Cancer by Targeting the PI3K/Akt and MAPK Pathways. Oxid Med Cell Longev. 2022: 9014501.
Storage	Store at +4ºC. 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 #10041 available at: https://www.bio-rad-antibodies.com/SDS/STAR121F 10041
Regulatory	For research purposes only

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