Datasheet: 3210-0488

Description:	SHEEP ANTI DIGOXIGENIN
Specificity:	DIGOXIGENIN
Format:	Purified
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
Immunohistology - Frozen	▪			
ELISA	▪			1/100 - 1/5,000
Western Blotting	▪			
Immunofluorescence	▪			

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 product for use in their own system using the appropriate negative/positive controls.

Target Species	Chemical
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by Protein G affinity chromatography
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN_3)
Approx. Protein Concentrations	5 mg/ml
Immunogen	Digoxin-3-CM conjugated to keyhole limpet haemocyanin.
RRID	AB_620732

Specificity	**Sheep anti digoxigenin antibody** recognizes digoxigenin, a steroid found in plants that is often attached to oligonucleotides and used as a molecular probe to detect mRNA production. This antibody cross reacts with digoxin and digitoxin. Negligible reactivity has been observed with ouabain.
References	1. Mori, K. *et al*. (2007) The perivascular space as a path of hematopoietic progenitor cells and mature T cells between the blood circulation and the thymic parenchyma. Int. Immunol. 19: 745-53. 2. Hu, W.W. *et al.* (2009) Digoxigenin modification of adenovirus to spatially control gene delivery from chitosan surfaces. J Control Release. 135 (3): 250-8. 3. Cross, S.J. *et al.* (2016) Transverse Magnetic Tweezers Allowing Coincident Epifluorescence Microscopy on Horizontally Extended DNA. Methods Mol Biol. 1431: 73-90. 4. Toleikis, A. *et al.* (2018) oriD structure controls RepD initiation during rolling-circle replication Sci Rep. 8: 1206. 5. Klebes, A. *et al.* (2021) Multianalyte lateral flow immunoassay for simultaneous detection of protein-based inflammation biomarkers and pathogen DNA Sensors and Actuators B: Chemical. : 131283. 6. Brunauer, A. *et al.* (2021) Rapid Detection of Pathogens in Wound Exudate via Nucleic Acid Lateral Flow Immunoassay. Biosensors (Basel). 11(3):74.
Storage	This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.
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/3210-0488 10040
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Sheep IgG (H/L) (5184-2304...) Biotin

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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

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