

## Datasheet: 3210-0488

<b>Description:</b>	SHEEP ANTI DIGOXIGENIN
<b>Specificity:</b>	DIGOXIGENIN
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Chemical
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Purified IgG prepared by Protein G affinity chromatography
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	5 mg/ml
<b>Immunogen</b>	Digoxin-3-CM conjugated to keyhole limpet haemocyanin.
<b>RRID</b>	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. Cross, S.J. *et al.* (2016) Transverse Magnetic Tweezers Allowing Coincident Epifluorescence Microscopy on Horizontally Extended DNA. [Methods Mol Biol. 1431: 73-90.](#)
3. 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.](#)

---

**Storage**

Store at +4°C or at -20°C if preferred.  
Storage in frost-free freezers is not recommended.  
This product should be stored undiluted. 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 #10040 available at:  
10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

---

**Regulatory** For research purposes only

---

## Related Products

### Recommended Secondary Antibodies

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

Donkey Anti Sheep IgG (STAR88...) [DyLight@488](#), [FITC](#), [HRP](#)

**North & South** Tel: +1 800 265 7376

**America** Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

**Worldwide**

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

**Europe**

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

'M363058:200528'

**Printed on 11 Aug 2020**

---

© 2020 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)