

Datasheet: 8750-2059G

**BATCH NUMBER 158955**

<b>Description:</b>	GOAT ANTI CLOSTRIDIUM TETANI TETANUS EXOTOXIN
<b>Specificity:</b>	TETANUS EXOTOXIN
<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
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			1ug/ml
Western Blotting	▪			1/100 - 1/500

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 appropriate negative/positive controls.

<b>Target Species</b>	Bacterial
<b>Product Form</b>	Purified IgG - liquid
<b>Antiserum Preparation</b>	Antisera to C.Tetani Exotoxin were raised by repeated immunisations of goat with highly purified antigen. Purified IgG prepared by 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>	IgG concentration 5.0mg/ml

<b>Immunogen</b>	Tetanus Exotoxin.
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">P04958</a> <a href="#">Related reagents</a>
<b>RRID</b>	AB_808753
<b>Specificity</b>	<p><b>Goat anti tetanus exotoxin antibody</b> recognizes tetanus toxin, also known as tentoxylisin, produced by the soil micro-organism <i>Clostridium tetani</i>. Infection by <i>Clostridium tetani</i>. results in its systemic growth and secretion of tetanus toxin which causes muscle spasms by inhibiting neurotransmitter release.</p> <p>Goat anti tetanus exotoxin antibody also reacts with the C-fragment (~50 kDa carboxy terminal residues 865-1315) of tetanus toxin (<a href="#">Emsley et al. 2000</a>).</p>
<b>References</b>	1. Paillot, R. <i>et al.</i> (2015) ISCOM-based equine influenza vaccine: Duration of immunity and randomised clinical trials to assess an accelerated schedule of immunisation and efficacy <a href="#">Trials in Vaccinology. 4: 61-70.</a>
<b>Further Reading</b>	1. Cook, T.M. <i>et al.</i> (2001) Tetanus: a review of the literature. <a href="#">Br J Anaesth. 87 (3): 477-87.</a>
<b>Storage</b>	<p>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.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/8750-2059G">https://www.bio-rad-antibodies.com/SDS/8750-2059G</a> 10040
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

<b>North &amp; South America</b>	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a>	<b>Worldwide</b>	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a>	<b>Europe</b>	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a>
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