

Datasheet: OBT0967

**BATCH NUMBER 170778**

<b>Description:</b>	GOAT ANTI CLOSTRIDIUM TETANI TETANUS TOXIN
<b>Specificity:</b>	TETANUS TOXIN
<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
Immunoprecipitation	▪			

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>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.1% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	IgG concentration 5.0 mg/ml
<b>Immunogen</b>	Purified tetanus toxin.
<b>External Database Links</b>	<b>UniProt:</b> <a href="https://www.uniprot.org/entry/P04958">P04958</a> <a href="#">Related reagents</a>
<b>RRID</b>	AB_618848

<b>Specificity</b>	<b>Goat anti <i>Clostridium tetani</i> tetanus toxin antibody</b> recognizes the tetanus toxin of <i>Clostridium tetani</i> , an opportunistic pathogen commonly found in soil and the intestinal tracts of some animals. Tetanus toxin is a potent neurotoxin produced following the germination of <i>C. tetani</i> spores in wounds. It blocks neurotransmission by binding irreversibly to receptors in the brain and spinal cord.
<b>References</b>	1. Umezaki, Y. <i>et al.</i> (2011) Blocking synaptic transmission with tetanus toxin light chain reveals modes of neurotransmission in the PDF-positive circadian clock neurons of <i>Drosophila melanogaster</i> . <a href="#">J Insect Physiol. 57 (9): 1290-9.</a>
<b>Storage</b>	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.
<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/OBT0967">https://www.bio-rad-antibodies.com/SDS/OBT0967</a>
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

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

**Product inquiries:** [www.bio-rad-antibodies.com/technical-support](http://www.bio-rad-antibodies.com/technical-support)

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