

Datasheet: 5684-1000

**BATCH NUMBER 162677**

<b>Description:</b>	SHEEP ANTI ESCHERICHIA COLI J5 LPS
<b>Specificity:</b>	ESCHERICHIA COLI J5 LPS
<b>Format:</b>	Serum
<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
ELISA	■			

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>	Bacterial
<b>Product Form</b>	Serum - liquid
<b>Preservative Stabilisers</b>	<0.1% Sodium Azide (NaN <sub>3</sub> )
<b>Immunogen</b>	Heat inactivated <i>Escherichia coli</i> J5.
<b>RRID</b>	AB_619719

<b>Specificity</b>	<b>Sheep anti <i>Escherichia coli</i> antibody</b> recognizes the J5 mutant of <i>E. coli</i> 0:111 which lacks the enzyme uridine diphosphate glucose 4-epimerase and therefore produces an incomplete LPS, deficient in galactose and all the sugars distal to the central polymers. The J5 mutant has no O-specific chains and its endotoxin remains as the core LPS containing lipid A, N acetyl glucosamine, 2-keto-3-deoxyoctonate, heptose and glucose (a composition similar to that of the Rc strains of <i>Salmonella</i> ).
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<b>Storage</b>	This product is shipped at ambient temperature. It is recommended to aliquot and store at
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-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.

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<b>Guarantee</b>	12 months from date of despatch
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<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10081 available at: <a href="https://www.bio-rad-antibodies.com/SDS/5684-100010081">https://www.bio-rad-antibodies.com/SDS/5684-100010081</a>
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<b>Regulatory</b>	For research purposes only
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## Related Products

### Recommended Secondary Antibodies

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

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

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

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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](https://www.bio-rad-antibodies.com/datasheets)

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