

Datasheet: OBT0986B

Description:	GOAT ANTI ESCHERICHIA COLI:Biotin
Specificity:	ESCHERICHIA COLI
Format:	Biotin
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
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 appropriate negative/positive controls.

Target Species	Bacterial
Product Form	Purified IgG conjugated to Biotin - liquid
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium azide
Approx. Protein Concentrations	1.0 mg/ml
Immunogen	A mixture of <i>Escherichia coli</i> serotypes.
Specificity	Goat anti <i>Escherichia coli</i> antibody recognizes many O and K antigenic serotypes of <i>Escherichia coli</i> . Goat anti <i>Escherichia coli</i> antibody is unabsorbed and cross reacts with related Enterobacteriaceae.

References

1. Möller, J. *et al.* (2013) Macrophages lift off surface-bound bacteria using a filopodium-lamellipodium hook-and-shovel mechanism. [Sci Rep. 3: 2884](https://doi.org/10.1038/srep2884).
2. Raisch, J. *et al.* (2015) Intracellular colon cancer-associated *Escherichia coli* promote protumoral activities of human macrophages by inducing sustained COX-2 expression. [Lab Invest. 95 \(3\): 296-307](https://doi.org/10.1038/ni.296).
3. Lühje P (2013) Estrogen supports urothelial defense mechanisms. [Sci Transl Med. 5: 190ra80](https://doi.org/10.1038/s12276-013-0080-0).
4. Agus A *et al.* (2016) Western diet induces a shift in microbiota composition enhancing

susceptibility to Adherent-Invasive *E. coli* infection and intestinal inflammation. [Sci Rep. 6: 19032.](#)

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.
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Shelf Life	12 months from date of despatch.
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Health And Safety Information	Material Safety Datasheet documentation #10040 available at: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
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Regulatory	For research purposes only
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