

Datasheet: 4330-1088

Description:	MOUSE ANTI ESCHERICHIA COLI LABILE TOXIN A CHAIN
Specificity:	ESCHERICHIA COLI LABILE TOXIN A CHAIN
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	20/480
Isotype:	IgG1
Quantity:	0.2 mg

Product Details

RRID AB_618972

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	▪			
Western Blotting (1)	▪			
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.

(1)This antibody reacts with Cholera toxin A chain under reducing conditions in Western blotting.

Target Species Bacterial

Product Form Purified IgG - liquid

Preparation Purified IgG prepared by affinity chromatography on Protein G

Buffer Solution Phosphate buffered saline

Preservative Stabilisers 0.09% Sodium Azide (NaN₃)

Carrier Free Yes

Approx. Protein Concentrations IgG concentration 1.0 mg/ml

Immunogen *Escherichia coli* heat-labile enterotoxin.

External Database**Links****UniProt:**[P43530](#)[Related reagents](#)**Synonyms**

ItpA, toxA

Specificity

Mouse antiEscherichia coliLabile Toxin A Chain antibody, clone 20/480 recognizes the A chain of *Escherichia coli* heat-labile enterotoxin, a pathogenic peptide that activates intracellular adenylyl cyclase.

This antibody is reactive with isolates fixed by phenol, formalin and boiling.

References

1. Koprowski, H., 2nd *et al.* (2000) Attenuated *Shigella flexneri* 2a vaccine strain CVD 1204 expressing colonization factor antigen I and mutant heat-labile enterotoxin of enterotoxigenic *Escherichia coli* [Infect Immun 68: 4884](#)

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

18 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

Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos.](#), [HRP](#)

Goat Anti Mouse IgG (STAR77...) [HRP](#)

Rabbit Anti Mouse IgG (STAR12...) [RPE](#)

Rabbit Anti Mouse IgG (STAR8...) [DyLight®800](#)

Rabbit Anti Mouse IgG (STAR13...) [HRP](#)

Goat Anti Mouse IgG (STAR76...) [RPE](#)

Goat Anti Mouse IgG (STAR70...) [FITC](#)

Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)

Rabbit Anti Mouse IgG (STAR9...) [FITC](#)

Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight®488](#), [DyLight®680](#), [DyLight®800](#), [FITC](#), [HRP](#)

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