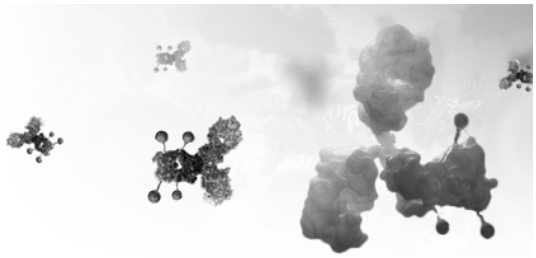

Mouse Anti-ECA Monoclonal antibody, clone C3246N (CABT-RM282)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Reacts with the following bacteria: E. coli O157, E. coli K12, Shigella sonnei, Shigella flexneri 1a, Shigella flexneri 2a, Shigella dysenteriae, Salmonella typhimurium (Ra), Salmonella minnesota, Salmonella group B, Citrobacter freundii, Enterobacter aerogenes, Proteus OX19, Yersinia enterocolitica, Serratia marcescens, and Klebsiella pneumoniae. This antibody is non-reactive with: Pseudomonas aeruginosa, Vibrio cholera & Listeria moncytogenes 3b.
Target	ECA
Immunogen	Mixture of 6 different Shigella species.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	E. coli , S. sonnei, Y. enterocolitica, S. marcescens, K. pneumoniae
Clone	C3246N
Purification	> 90% pure. Protein A Chromatography
Conjugate	unconjugated
Applications	ELISA, IF
Format	Liquid
Concentration	1.6 mg/mL
Size	1 mg

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Buffer	0.01 M Phosphate Buffered Saline, pH 7.2. This product contains no stabilizing proteins.
Preservative	0.1% Sodium Azide
Storage	Store at 2-8°C.

BACKGROUND

Introduction	Enterobacterial common antigen (ECA) is a family-specific surface antigen shared by all members of the Enterobacteriaceae and is restricted to this family. The family specificity of ECA can be used for taxonomic and diagnostic purposes. ECA is located in the outer leaflet of the outer membrane. It is a glycophospholipid built up by an aminosugar heteropolymer linked to an l-glycerophosphatidyl residue. In a few rough mutants, in addition, the sugar chain can be bound to the complete lipopolysaccharide (LPS) core.
Keywords	Enterobacteriaciae; Enterobacterial Common Antigen; ECA

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