



Anti-E. coli K99 Monoclonal antibody, Clone CFM 0256 (DCABY-059)

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

PRODUCT INFORMATION

Specificity	Mouse antiEscherichia coliK99 antibody, clone CFM 0256 recognizes E. coli K99 attachment factor.
Target	E. coli K99
Immunogen	Purified extract from Escherichia coli B41 strain.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	E. coli
Clone	CFM 0256
Conjugate	Unconjugated
Applications	Immunohistology-Frozen, ELISA
Preparation	Purified IgG prepared by affinity chromatography on Protein A
Format	Purified IgG - liquid
Size	200 µg
Buffer	Phosphate buffered saline
Preservative	0.09% Sodium Azide
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.

BACKGROUND

Introduction	K99 pilus antigen is frequently associated with enterotoxigenic strains of E. coli isolated from the intestine of calves, sheep and pigs. Pilus antigens have been shown to be the main attachment mechanism whereby EPEC attach to and colonize the small intestine of neonatal animals. Any
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mechanism which will interfere with this attachment and colonization process is capable of reducing the intestinal colonization, diarrhoea and mortality associated with K99 EPEC infections.

Keywords

E.coli K99 protein; Escherichia coli K99 pilus; K99 pilus
