



# 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

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| <b>Specificity</b>        | Mouse antiEscherichia coliK99 antibody, clone CFM 0256 recognizes E. coli K99 attachment factor.   |
| <b>Target</b>             | E. coli K99  |
| <b>Immunogen</b>          | Purified extract from Escherichia coli B41 strain.   |
| <b>Isotype</b>            | IgG1   |
| <b>Source/Host</b>        | Mouse  |
| <b>Species Reactivity</b> | E. coli  |
| <b>Clone</b>              | CFM 0256   |
| <b>Conjugate</b>          | Unconjugated   |
| <b>Applications</b>       | Immunohistology-Frozen, ELISA  |
| <b>Preparation</b>        | Purified IgG prepared by affinity chromatography on Protein A  |
| <b>Format</b>             | Purified IgG - liquid  |
| <b>Size</b>               | 200 µg   |
| <b>Buffer</b>             | Phosphate buffered saline  |
| <b>Preservative</b>       | 0.09% Sodium Azide (NaN <sub>3</sub> )   |
| <b>Storage</b>            | 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

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|---------------------|---|
| <b>Introduction</b> | 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.

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**Keywords**

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

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