



Anti-E. coli K99 Pili Monoclonal antibody, Clone 7022 (DCABY-810)

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

PRODUCT INFORMATION

Target	E. coli K99 Pili
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	E. coli
Clone	7022
Conjugate	Unconjugated
Applications	ELISA
Format	Purified IgG - liquid
Size	100 µg
Buffer	Phosphate buffered saline
Preservative	None
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.

BACKGROUND

Introduction Escherichia coli is a gram negative bacillus that belongs to a larger group of Enterobacteriaceae,

bacteria that inhabit the gastrointestinal tract. Although usually a harmless resident of the gut, some strains have the potential to cause serious problems, especially where there is an immature immune system or immunosuppression, or where the subtype of organism has acquired the ability to produce pathogenic toxins. Toxigenic *E. coli* possess special pili which are antigenetically different from those of other *E. coli*. Pili are macromolecular structures that are responsible for the attachment and infection of the organism to the intestinal mucous epithelial cells and also the ability to produce enterotoxin.

Keywords

Escherichia coli pili K99
