

Product datasheet

Anti-E. coli K99 pilus antibody [K99 12-444.5] ab1038

製品の概要

製品名	Anti-E. coli K99 pilus antibody [K99 12-444.5]
製品の詳細	Mouse monoclonal [K99 12-444.5] to E. coli K99 pilus
由来種	Mouse
特異性	These antibodies do not cross-react with K99-negative E. coli, E. coli K88ac, E. coli 987P, Proteus mirabilis, Proteus vulgaris, Pseudomonas aeruginosa, Enterobacter aerogenes, Citrobacter freundii, Klebsiella pneumoniae, or Strep. agalactiae.
アプリケーション	適用あり: ELISA
種交差性	交差種: Escherichia coli
免疫原	Purified E. coli K99 Pili.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	PBS, pH7.2
精製度	Protein G purified
ポリ/モノ	モノクローナル
クローン名	K99 12-444.5
アイソタイプ	IgG1
軽鎖の種類	unknown

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab1038** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
ELISA		

追加情報

Dilute in PBS or medium which is identical to that used in the assay system.

These antibody may be used in an ELISA to detect and quantitate K99-positive E. coli. ELISA titre is 1:16,000 (indirect assay against E. coli K99 pili on the solid phase. Titres represent endpoint dilutions that achieve absorbance values greater than 0.1).

ターゲット情報

関連性	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 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.
細胞内局在	Cell Membrane

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