

BM3047**Monoclonal Antibody to E. coli (mixed serotypes) - Purified**

Alternate names:	EHEC, EPEC, ETEC, Escherichia coli
Quantity:	1 mg
Concentration:	1.26 mg/ml (RID)
Background:	<i>Escherichia coli</i> is a gram negative bacillus that belongs to a larger group of Enterobacteriae - 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.
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	AM03095PU-N
Clone:	403
Immunogen:	Pool of four <i>E. coli</i> serotypes common in Human disease: O18:B21:, O44:K74, O112:B11, O125:B15.
Format:	State: Liquid purified IgG fraction from Ascites Purification: Protein G Chromatography Buffer System: PBS, pH 7.4 Preservatives: 0.09% Sodium Azide
Applications:	These antibodies maybe used in Immunoassays to identify <i>E.coli</i> cells. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Specific for <i>E. coli</i> . Deas not cross-react with <i>Enterobacter aerogenes</i> , <i>Streptococcus agalactiae</i> , <i>Klebsiella pneumoniae</i> , <i>Proteus mirabilis</i> , <i>Proteus vulgaris</i> , <i>Pseudomonas aeruginosa</i> and <i>Serratia marcescens</i> .
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.