

## Product datasheet for **SM2284P**

### **E. coli O18, O44, O112, O125 Mouse Monoclonal Antibody [Clone ID: 1011]**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	1011
<b>Applications:</b>	ELISA
<b>Recommended Dilution:</b>	ELISA: 1/20-1/200.
<b>Reactivity:</b>	Escherichia coli
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Specificity:</b>	This antibody is specific for <i>Escherichia coli</i> . The antibody reacts with a number of E.coli. serotypes including K12, O18, O44, O112 and O125. It does not cross-react with other members of the Enterobacteriaceae.
<b>Formulation:</b>	PBS, pH7.2 containing 0.09% Sodium Azide State: Purified State: Liquid purified IgG fraction
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Affinity Chromatography on Protein A
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Background:</b>	Escherichia coli 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.
<b>Synonyms:</b>	Escherichia coli, EHEC, EPEC, ETEC



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