

## Product datasheet for **BM1335**

### Streptococcus pneumoniae (common Antigen) Mouse Monoclonal Antibody [Clone ID: 128/390]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	128/390
Applications:	ELISA, IF
Recommended Dilution:	<b>ELISA.</b> <b>Immunofluorescence.</b>
Reactivity:	Streptococcus pneumoniae
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Native <i>S. pneumoniae</i> (NCTC 10319).
Specificity:	This antibody recognizes <i>Streptococcus pneumoniae</i> , a causative agent of respiratory disease in Humans.
Formulation:	PBS, pH 7.2 containing 0.09% Sodium Azide as preservative. State: Purified State: Liquid purified IgG fraction.
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A.
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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**Background:**

Bronchial pneumonia is most prevalent in infants, young children and aged adults. It is caused by various bacteria, including *Streptococcus pneumoniae*. *Streptococcus pneumoniae* are Gram positive, lancet shaped cocci (elongated cocci with a slightly pointed outer curvature). Usually they are seen as pairs of cocci (diplococci), but they may also occur singly and in short chains.

*S. pneumoniae* is a transient member of the normal flora, colonizing the nasopharynx of 40% of healthy adults and children with no adverse effects. There are more than 90 serotypes: serotypes 6, 14, 18, 19, and 23 are the most prevalent accounting for 60-80% of infections depending on the area of the world. Pneumococcal infection accounts for more deaths than any other vaccine preventable bacterial disease.