

Product datasheet for **BM1181**

Klebsiella (genus specific) Mouse Monoclonal Antibody [Clone ID: 73/28]

Product data:

Product Type:	Primary Antibodies
Clone Name:	73/28
Applications:	ELISA, IF
Recommended Dilution:	ELISA. Immunofluorescence.
Reactivity:	Klebsiella pneumoniae
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Native <i>Klebsiella aerogenes</i> preparation
Specificity:	This antibody is reactive with <i>Klebsiella spp.</i> serotypes This antibody has detected <i>Klebsiella oxytoca</i> and other serotypes in fresh isolates, including those fixed by phenol, formalin or boiling.
Formulation:	PBS containing 0.09% Sodium Azide as preservative State: Purified State: Liquid purified IgG fraction
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Should this product contain a precipitate we recommend microcentrifugation before use. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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Background:

Klebsiella is a genus of non-motile, Gram-negative, Oxidase-negative bacteria with a prominent polysaccharide-based capsule. Frequent human pathogens, Klebsiella organisms can lead to a wide range of disease states, notably pneumonia, urinary tract infections, septicemia, Ankylosing spondylitis, and soft tissue infections.

Klebsiella pneumoniae is clinically the most important member of the Klebsiella genus of Enterobacteriaceae. New antibiotic resistant strains of *K. pneumoniae* are appearing, and it is increasingly found as a nosocomial infection.