

Product datasheet for **BM1331**

Streptococcus Group A Mouse Monoclonal Antibody [Clone ID: 5A1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	5A1
Applications:	ELISA, ID
Recommended Dilution:	ELISA: A 1 mg/ml solution has been used at dilutions up to 1/50,000 in a simple EIA. Radial immunodiffusion.
Reactivity:	Streptococcus sp.
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	UV inactivated Streptococcus pyrogenes, Group A organisms.
Specificity:	Reacts with group A Streptococcus (GAS). Does not react with Streptococcus B, C, D, E, F or G; Corynebacterium diphtheriae, Micrococcus mucilagines, Staphylococcus aureus, Streptococcus pneumoniae or Streptococcus salivarius.
Formulation:	PBS, pH 7.4, with 0.09% sodium azide as preservative State: Purified State: Liquid IgG fraction
Concentration:	lot specific
Purification:	Protein A affinity chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for up to one month or at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Background:	GAS are non-motile, non-spore forming bacteria that exist in pairs or short chains. They are responsible for most cases of streptococcal illnesses including sore throat (strep throat), scarlet fever and necrotizing fasciitis.



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