

Monoclonal Antibody to *Shigella dysenteriae* (Serotype 1) - Purified

Catalog No.:	BM3130
Quantity:	0.1 mg
Concentration:	0.1 mg/ml (OD280 nm, E0.1% = 1.4)
Host / Isotype:	Mouse / IgG
Clone:	9101
Immunogen:	<i>S. dysenteriae</i> , NCTC 9351
Format:	State: Liquid purified Ig fraction (>90% pure). Purification: Protein A chromatography. Buffer System: 0.01 M PBS, pH 7.2, containing 0.09% sodium azide as preservative and no stabilizers.
Applications:	Suitable for use in Immunofluorescence, Immunohistochemistry, ELISA and Western Blotting. Suggested starting ranges are 1:10 - 1:50 for Immunofluorescence, Western blotting and Immunohistochemistry and 1:20 - 1:200 for ELISA. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Reactive in ELISA with serotype 1 only. Non-reactive with <i>S. boydii</i> , <i>S. flexneri</i> or <i>S. sonnei</i> .
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.