

BM3210**Monoclonal Antibody to Salmonella (Serogroups A, B, C, D, E) - Purified**

Quantity:	1 mg
Concentration:	3.3 mg/ml (OD280 nm, E0.1% = 1.4)
Background:	Salmonella is a rod shaped, motile bacterium, nonsporeforming and Gram negative. There is a widespread occurrence in animals, especially in poultry and swine. Environmental sources of the organism include water, soil, insects, factory surfaces, kitchen surfaces, animal feces, raw meats, raw poultry, and raw seafoods, to name only a few.
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	AM03095PU-N
Clone:	5D12A (old name: 513)
Immunogen:	Heat-inactivated bacterial cells of Salmonella paratyphi Remarks: Hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice.
Format:	State: Liquid purified Ig fraction (> 95% pure as tested by electrophoresis) Purification: Protein A Chromatography Buffer System: PBS, pH 7.4 containing 0.09% Sodium Azide as preservative and no stabilizing proteins.
Applications:	ELISA. Western blot. Dot blot. Immunofluorescence. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Reactive with serogroups A, B, C, D & E of Salmonella via ELISA. Cross-reacts with Salmonella paratyphi, Salmonella typhimurium, Salmonella choleraesuis, Salmonella newport, Salmonella enteritidis, Salmonella anatum and Salmonella selandia. Does not cross-react with E. coli O55:B5, E. coli K12 and Klebsiella pneumoniae. Affinity Constant: LPS Group A: 1×10^9 LPS Group B: 1×10^7 LPS Group D: 1×10^7 LPS Group E: 1×10^{10}
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.