

CATALOGUE #: 3SO22

PRODUCT NAME: Monoclonal mouse anti-A, B, D group specific *Salmonella* O-antigens

MAbs: A group: 10B10G

Hybridoma clone has been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with heat inactivated bacterial cells of *Salmonella paratyphi* (group A).

Specificity: O-antigen specificity of MAb 10B10G:

Sero-group	MAb	Cross-reactivity										Ag Determinant	
		1	2	3	4	5	6	7	8	9	10		
A	10B10G	+	-	-	-	-	-	-	-	-	-	-	0-2

1 – *Salmonella paratyphi*, **2** – *Salmonella typhimurium*, **3** – *Salmonella enteritidis*, **4** – *Salmonella choleraesuis*, **5** – *Salmonella newport*, **6** – *Salmonella anatum*, **7** – *Salmonella Selandia*, **8** – *E. coli* O55:B5, **9** – *E. coli* K12, **10** – *Klebsiella pneum*

Reactivity: Binding constants (K_a , M^{-1}) of Mabs with LPS of A, B and D groups are determined by the method of Beatty *et al.*:

MAb	LPS A	LPS B	LPS D	LPS E
10B10G (A group)	2.0×10^7	-	-	-

MAb isotypes: IgG3 for MAb 10B10G

Purification: Protein G chromatography

Presentation: PBS, pH 7.4, 0.09 % sodium azide (NaN_3)

Storage: +4 °C (+2 ... +8 °C allowed)

Material safety note: This product is sold **for research or further manufacturing use only**. Standard Laboratory Practices should be followed when handling this material.

Product contains sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.