

Product datasheet for **SM3004**

Blood Group A and H Antigen (Chain types 3+4) Mouse Monoclonal Antibody [Clone ID: HE-10]

Product data:

Product Type:	Primary Antibodies
Clone Name:	HE-10
Applications:	AGG, IHC
Recommended Dilution:	Immunohistochemistry (FFPE section). The antibody HE-10 is excellent as a tumour marker in patients of blood group B and O. AGG.
Reactivity:	Human
Host:	Mouse
Isotype:	IgM
Clonality:	Monoclonal
Immunogen:	Mixture of erythrocytes of group A1 and glycoprotein fraction isolated from saliva of secretors with blood group A
Specificity:	The antibody agglutinates erythrocytes of group A but does not agglutinate erythrocytes of group B and O. Study with specific oligosaccharides showed that the antibody reacts with A and H antigens with chain types 3 and 4 and it does not react with A disaccharide, A trisaccharide, A type 1, A type 2, ALeb. It does not react with normal tissue sections of donors with blood group B and O but it reacts specifically with malignant tissues.
Formulation:	State: Supernatant State: Liquid cell culture supernatant
Purification:	4 x concentrated by ultrafiltration using 100 kDa-cut off membrane
Conjugation:	Unconjugated
Storage:	Store the antibody at 2 - 8 °C. Do not freeze.
Stability:	Shelf life: one year from despatch.



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