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## **Mouse anti-Pneumococcal polysaccharide (18C) monoclonal antibody**

Non WHO Reference Material

Instructions for use (Version 1.0, Dated 2024/12/25)

**Catalog No.:** 21-0004

**This material is not for in vitro diagnostic use**

### **INTENDED USE**

Mouse Monoclonal Antibody for use in the Immunoturbidimetric assay for measuring the concentration of serotype 18C of Pneumococcal polysaccharide .

### **CAUTION**

This preparation is not for administration to humans or animals in the human food chain. This reference contains material from murine origin. As with all materials of biological origin, this preparation should be regarded as potentially hazardous to health. It should be used and discarded according to your own laboratory's safety procedures. Such safety procedures should include the wearing of protective gloves and avoiding the generation of aerosols. Care should be exercised in opening ampoules or vials, to avoid cuts.

### **IMMUNOGEN**

Serotype 18C of Pneumococcal capsular polysaccharide (PCPS)

### **MATERIALS**

Mouse IgG, produced by a monoclonal hybridoma cell and purified from mouse ascites by Protein G column, in 10 mM Tris-glycine-HCL, 0.01% NaN<sub>3</sub>.

### **SPECIFICITY**

Recognizes the serotype 18C of PCPS specifically, no cross reactivity with 23 other serotypes of PCPS(1, 2, 3, 4, 5, 6A, 6B, 7F, 8, 9N, 9V, 10A, 11A, 12F, 14, 15B, 17F, 19F, 19A, 20, 22F, 23F, 33F etc).

### **UNITAGE**

1mL/vial.

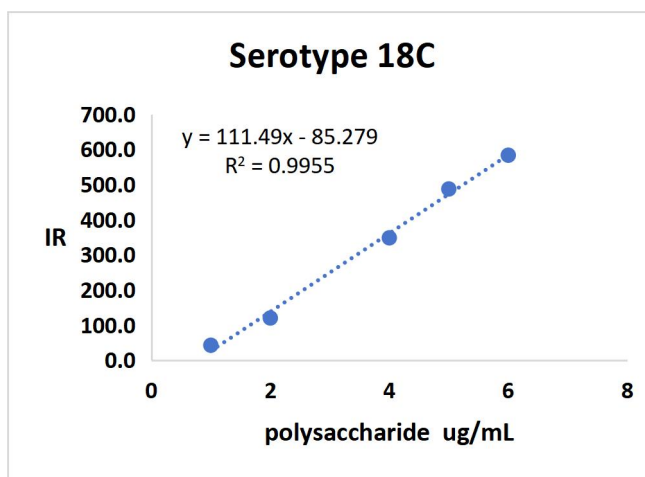
### **USE OF MATERIAL**

The material can be diluted at 1:2~1:4. However where possible the user should determine the working dilution depending on the requirements of the Immunoturbidimetric.

**Example Data:**

The material was diluted 1:2, then take 20 ul of the diluted antibody solution to mix with 20 ul of sample and 160 ul of reaction buffer. Gain: 3, Reaction time:2.5 min.

Standard Curve shown below:



**CONTENTS**

Country of origin of biological material: People’ s Republic of China.

**STORAGE**

The material should be stored frozen at -20°C. Once thawed, keep at 4 °C to avoid freezing and thawing. Material type: Liquid – will be shipped according to the storage and shipping conditions of the product

**STABILITY**

The materials are stable for 2 years at -20°C, 1 month at 4 °C and 2 weeks at room temperature.

**FURTHER INFORMATION**

[info@antibodychina.com](mailto:info@antibodychina.com)

**TECHNICAL SUPPORT**

[jszc@antibodychina.com](mailto:jszc@antibodychina.com)

**MATERIAL SAFETY SHEET**

Physical and Chemical properties	
Physical appearance: Frozen liquid	Corrosive: No
Stable: Yes	Oxidising: No
Hygroscopic: Yes	Irritant: No
Flammable: No	Handling: See Section 2

Others: Containing 0.01% NaN <sub>3</sub>	
Toxicological properties	
Effects of inhalation:	Not established, avoid inhalation
Effects of ingestion:	Not established, avoid ingestion
Effects of skin absorption:	Not established, avoid contact with skin
Suggested First Aid	
Inhalation:	Seek medical advice
Ingestion:	Seek medical advice
Contact with eyes:	Wash with copious amounts of water, seek medical advice
Contact with skin:	Wash thoroughly with water.
Action on Spillage and Method of Disposal	
Spillage of ampoule contents should be taken up with absorbent material wetted with an appropriate disinfectant. Rinse are with an appropriate disinfectant followed by water. Absorbent material used to treat spillage should be treated as biological waste.	

**INFORMATION FOR CUSTOMS USE ONLY**

Country of origin for customs purpose: People's Republic of China, where the goods have been produced and/or sufficiently processed to be classed as originating from the country of supply, for example of a change of state such as freeze-drying.
Net weight: 0.5g
Toxicity Statement: Toxicity not assessed
Veterinary certificate or other statement if applicable. Attached: No