

## Product datasheet for **BM3276P**

### **Bordetella pertussis Mouse Monoclonal Antibody [Clone ID: BDI500]**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	BDI500
<b>Applications:</b>	ELISA, IF, WB
<b>Recommended Dilution:</b>	Suitable for use in ELISA, IFA and Western blot.
<b>Reactivity:</b>	Bordetella pertussis
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG3
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Bordetella pertussis N-lauroyl sarcosine membrane extract
<b>Specificity:</b>	This antibody is specific for LOS-A of B. pertussis and B. bronchiseptica.
<b>Formulation:</b>	0.01 M PBS, pH 7.2, containing 0.09% sodium azide as preservative. State: Purified State: Liquid purified Ig fraction.
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Protein A chromatography
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store the antibody at 2-8°C for one month or at -20°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Background:</b>	Bordetella pertussis is an aerobic, gram negative coccobacilli. It causes whooping cough (pertussis), an acute respiratory infection marked by severe, spasmodic coughing episodes during the paroxysmal phase. Leukocytosis with lymphocytosis is also common during this phase of the illness. Dangerous complications are bronchopneumonia and acute encephalopathy. It produces a number of virulence factors, including pertussis toxin, adenylate cyclase toxin, filamentous hemagglutinin, and hemolysin. Agglutinogens and other outer membrane proteins are important antigens.



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