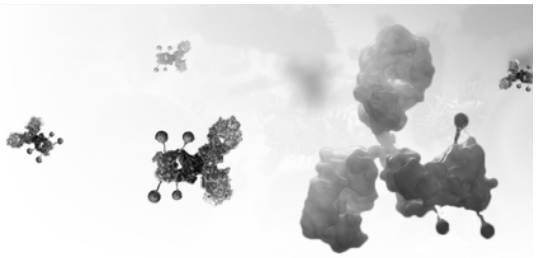

Mouse Anti-Bordetella pertussis Toxin Monoclonal Antibody, clone 7B4 [HRP] (CABT-NS1651)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Base on ELISA, the antibodies reacts with PT.
Target	B. pertussis Toxin
Isotype	IgG
Source/Host	Mouse
Species Reactivity	B. pertussis
Clone	7B4
Conjugate	HRP
Applications	ELISA (Det)
Format	Liquid
Size	0.2 mg, 1 mg
Buffer	Buffer: 0.01M PBS, pH7.2, 33% glycerol.
Preservative	None
Storage	Store at 4°C short term (1-2 weeks). Store at -20°C or -80°C at least 2 years.Avoid freeze/thaw cycle.

BACKGROUND

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Introduction	Bordetella pertussis is a Gram-negative, aerobic, pathogenic, encapsulated coccobacillus of the genus Bordetella, and the causative agent of pertussis or whooping cough. Like B. bronchiseptica, B. pertussis is motile and expresses a flagellum-like structure. Its virulence factors include pertussis toxin, adenylate cyclase toxin, filamentous hæmagglutinin, pertactin, fimbria, and tracheal cytotoxin. The bacterium is spread by airborne droplets; its incubation period is 7–10 days on average (range 6–20 days). Humans are the only known reservoir for B. pertussis. The complete B. pertussis genome of 4,086,186 base pairs was published in 2003. Compared to its closest relative B. bronchiseptica, the genome size is greatly reduced. This is mainly due to the adaptation to one host species (human) and the loss of capability of survival outside of a host body.
Keywords	Bordetella pertussis; Alcaligenaceae; Bordetella; B. pertussis; Pertussis toxin; PT; AB5-type exotoxin; Pertussis_S1; Pertussis toxin subunit 1; IAP S1; Islet-activating protein S1; NAD-dependent ADP-ribosyltransferase; Pertussis toxin subunit 2 and 3; Pertussis_S2S3; Pertussis toxin subunit 4; Pertus-S4-tox; Pertussis toxin subunit 5; Pertus-S5-tox; Bordetella pertussis pertussis toxin; Bordetella pertussis PT; B. pertussis Toxin; B. pertussis PT

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