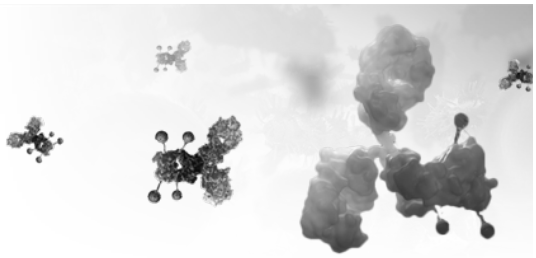

Mouse Anti-IBV Monoclonal Antibody, clone 4D3 (CABT-NS1646)

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

PRODUCT INFORMATION

Specificity	Binding to IBV
Target	IBV
Isotype	IgG
Source/Host	Mouse
Species Reactivity	IBV
Clone	4D3
Purification	Protein A
Conjugate	unconjugated
Applications	ELISA
Format	Liquid
Size	100 µg, 1 mg
Buffer	PBS or Tris-Gly
Preservative	None
Storage	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

BACKGROUND

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Introduction	Influenza B virus is the only species in the genus Betainfluenzavirus in the virus family Orthomyxoviridae. Influenza B virus is known only to infect humans and seals. This limited host range is apparently responsible for the lack of associated influenza pandemics in contrast with those caused by the morphologically similar influenza A virus as both mutate by both antigenic drift and reassortment. There are two known circulating lineages of Influenza B virus based on the antigenic properties of the surface glycoprotein hemagglutinin. The lineages are termed B/Yamagata/16/88-like and B/Victoria/2/87-like viruses. The quadrivalent influenza vaccine licensed by the CDC is currently designed to protect against both co-circulating lineages and has been shown to have greater effectiveness in prevention of influenza caused by Influenza B virus than the previous trivalent vaccine.
Keywords	Influenza virus type B; NP; Nucleocapsid protein; Nucleoprotein; Protein N; IBV; Influenza B

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