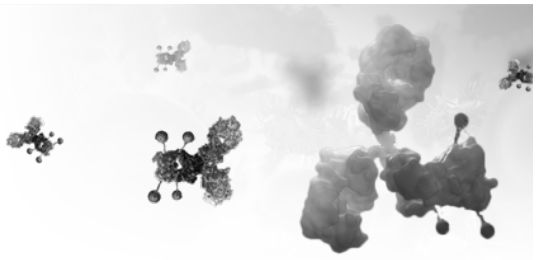

Mouse Anti-IBV M1 Monoclonal antibody, clone 7B22 (CABT-L566M)

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

PRODUCT INFORMATION

Specificity	Reacts with M1 proteins of all Influenza B viruses so far tested (100 strains) as examined by ICC staining, including lineage Yamagata strains; Mie/1/1993, JohanesBurg/5/1999, Florida/4/2006 and lineage Victoria strains; Lee/1940, Gif/21/1973,Shangdong/7/1997, Malasia/2506/2004, Massachustts/2/2012. No cross reactivity with influenza A viruses
Immunogen	Human Influenza B Virus strain Nagasaki/1/87, one of the strains of B/Victoria group
Isotype	IgG1, κ
Source/Host	Mouse
Species Reactivity	IBV
Clone	7B22
Purification	Affinity purification
Conjugate	Unconjugated
Applications	Suitable for use in WB, ICC/IF, IP, and ELISA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Purified, Liquid
Concentration	Lot specific
Buffer	PBS, 50% glycerol, filter sterilized. 0.09% Sodium Azide
Preservative	0.09% Sodium Azide

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Storage	Store at -20°C.
Ship	Wet ice

BACKGROUND

Introduction	Influenza B virus is the only species in the genus Betainfluenzavirus in the virus family Orthomyxoviridae. Influenza B virus is only known to infect humans and seals with influenza. 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.
Keywords	IBV M1; Influenza B Virus Matrix Protein 1; Influenza Virus Type B; Influenza Virus; IBV; Influenza; Influenza B Virus

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