



Anti-PEDV monoclonal antibody (CABT-BL8956)

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

PRODUCT INFORMATION

Specificity	This monoclonal antibody reacts with Porcine Epidemic Diarrhea Virus (PEDV).
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Porcine epidemic diarrhea virus
Conjugate	Unconjugated
Applications	IFA
Size	Supernatant/10 ml
Buffer	It is produced as cell culture supernatant and clarified by centrifugation, and filtered through a 0.2 µm filter. The antibody is stabilized with 4 mg/ml bovine serum albumin (BSA), and preserved with 0.09% sodium azide (NaN ₃).
Preservative	0.09% Sodium Azide
Storage	Store at 2-7 °C. Do not freeze!

BACKGROUND

Introduction	Porcine epidemic diarrhea virus (PED virus or PEDV) is a coronavirus that infects the cells lining the small intestine of a pig, causing porcine epidemic diarrhoea, a condition of severe diarrhea and dehydration. Older hogs mostly get sick and lose weight after being infected, where as newborn piglets usually die within five days of contracting the virus. PEDV cannot be transmitted to humans, nor contaminate the human food supply.
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