



Magic™ Mouse Anti-ASFV p30 Monoclonal antibody, clone DG7Y34 (CABT-CS008)

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

PRODUCT INFORMATION

Specificity	ASFV p30
Target	ASFV p30
Immunogen	Recombinant ASFV strain Morara/Georgia
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	ASFV
Clone	DG7Y34
Purification	>90% by SDS-PAGE
Conjugate	unconjugated
Applications	ELISA (det), LFIA
Format	Liquid
Size	1 mg
Buffer	0.015M Potassium Phosphate Buffer, pH 7.2 with 0.85% Sodium Chloride
Preservative	0.05% Sodium Azide
Storage	Short Term: 2-8°C. Long Term: -20°C. Avoid repeated freezing and thawing.

BACKGROUND

Introduction

African swine fever virus (ASFV) is a large, double-stranded DNA virus in the Asfarviridae family. It is the causative agent of African swine fever (ASF). The virus causes a haemorrhagic fever with high mortality rates in domestic pigs; some isolates can cause death of animals as quickly as a week after infection. It persistently infects its natural hosts, warthogs, bushpigs, and soft ticks of the genus *Ornithodoros*, which likely act as a vector, with no disease signs. It does not cause disease in humans. ASFV replicates in the cytoplasm of infected cells. It is the only known virus with a double-stranded DNA genome to be transmitted by arthropods.

Keywords

African Swine fever virus; ASFV; ASFV P30