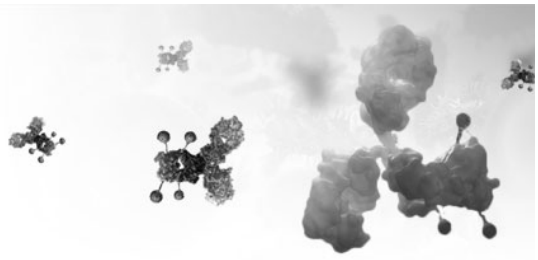

Mouse Anti-ASFV p30 monoclonal antibody, clone D12993N (CABT-RM035)

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

PRODUCT INFORMATION

Specificity	Recognizes the p30 protein of African Swine Fever Virus.
Target	ASFV
Immunogen	p30 Recombinant Protein.
Source/Host	Mouse
Species Reactivity	ASFV
Clone	D12993N
Purification	Ammonium Sulfate Precipitation and Dialysis in Phosphate Buffered Saline.
Conjugate	Unconjugated
Applications	ELISA, IF, IHC, IP, WB
Format	Liquid
Concentration	10.5 mg/mL (Lowry Protein Assay)
Size	1 mg
Buffer	1X Phosphate Buffered Saline
Storage	Store at 2-8°C for up to one month. For long term storage, aliquot and store at -20°C to avoid multiple freeze/thaw cycles.

BACKGROUND

45-1 Ramsey Road, Shirley, NY 11967, USA
Email:info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Introduction	African swine fever virus is one of the most important infectious diseases threatening porcine production. With its recent introduction in the Caucasus and Russian Federation, it has become a threat for the world because of the rise of ASFV to the rest of Europe, China and other major pig producing countries from SouthEast Asia. ASFV is major constraint for pig production and results in killing large numbers of animals, not only because the virus lethal power itself, but also because of massive culling to control the disease. ASFV outbreaks further imply major economic losses in affected countries because of market and trade bans and closing of borders to animals and pork products. Pork meat provides an affordable source of high protein quality in endemic areas in Africa, and the eradication of this disease would directly alleviate poverty.
Keywords	ASFV phosphoprotein p30; African swine fever Virus; ASFV;ASFV p30

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