



Mouse Anti-PCV-2 monoclonal antibody, clone 22C40 (CABT-L3210)

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

PRODUCT INFORMATION

Product Overview	Monoclonal Antibody to Porcine circovirus (type 2) NC protein.
Specificity	Porcine circovirus type 2. React to PCV2 NC protein. No reactive to PCV type 1 and PRRSV in FA test.
Immunogen	Purified recombinant PCV2 NC protein
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	PCV-2
Clone	22C40
Purification	Protein A/G Purified
Conjugate	Unconjugated
Applications	IF, ELISA
Format	Liquid
Concentration	Lot specific
Size	1 mg
Buffer	PBS (pH 7.4)
Preservative	0.1% sodium azide

Storage	Long time storage is recommended at -20°C.
Ship	Wet ice

BACKGROUND

Introduction	Porcine circovirus (PCV) is a common virus of pigs found throughout the world. This DNA virus is unique for its small size (~1800 bp), circular genome, and hardiness in the environment. In the late 1990s, a novel circovirus emerged in North American swine that appeared to be genetically distinct from the prototype PCV (now referred to as PCV Type 1) and was termed PCV Type 2 (PCV2). Porcine circovirus Type 1 had been recognized for several decades as a common contaminant of laboratory cell cultures but despite being widespread in commercial swine, was nonpathogenic. The emergence of PCV2 coincided with the occurrence of a new clinical syndrome of swine referred to as postweaning multisystemic wasting syndrome (PMWS). Since its appearance, PCV2 (and PMWS) has become widely distributed in most developed swine industries around the world.
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Keywords	PCV;Porcine circoVirus;Circovirus;Circoviridae
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GENE INFORMATION

Synonyms	PCV; Porcine circoVirus; Circovirus; Circoviridae
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