



# Human Anti-Parvovirus B19 VP1 Monoclonal antibody, clone 252927 (CABT-CS019)

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

## PRODUCT INFORMATION

<b>Specificity</b>	Specific for conformational epitope of VP1
<b>Target</b>	Parvovirus B19 VP1
<b>Immunogen</b>	Parvovirus B19 VP1
<b>Isotype</b>	IgG
<b>Source/Host</b>	Human
<b>Species Reactivity</b>	Parvovirus
<b>Clone</b>	252927
<b>Purification</b>	Protein A purified
<b>Conjugate</b>	unconjugated
<b>Applications</b>	WB
<b>Format</b>	Liquid
<b>Buffer</b>	PBS, pH 7,4
<b>Preservative</b>	0.9 mg/ml sodium azide
<b>Storage</b>	At 2-8°C short term. At ≤-15°C for long term storage.

## BACKGROUND

**Introduction**

Parvovirus B19 propagates primarily in erythroid progenitor cells and is the causative agent of erythema infectiosum. The icosahedral virus capsid consists of two structural proteins, VP1 and VP2. VP1 differs from VP2 only by an additional N-terminal fragment. VP2 is the major capsid protein, and comprises approximately 95% of the total virus particle, whereas VP1 protein is incorporated into the capsid structure in a non-stoichiometrical relation.

**Keywords**

Parvovirus B19 VP1; Parvovirus VP1; Parvovirus