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**Product Name: CPV-VP2 Mouse Monoclonal Antibody****Catalog #: AMM81775**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,IHC,ICC,ELISA,FC
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,IHC 1:200-1:1000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
<b>Molecular Weight</b>	64.6kDa

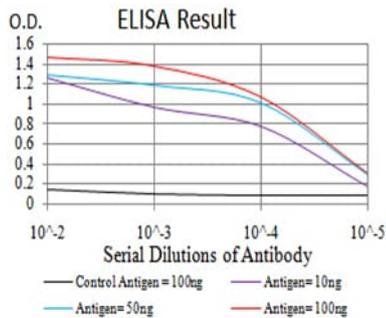
**Antigen Information**

<b>Gene Name</b>	CPV-VP2
<b>Alternative Names</b>	Canine Parvovirus VP2
<b>Gene ID</b>	EF011664.1
<b>SwissProt ID</b>	
<b>Immunogen</b>	Purified recombinant fragment of Canine Parvovirus CPV-VP2 (AA: 1-128) expressed in E. Coli.

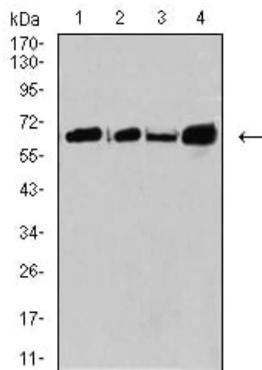
**Background**

## Research Area

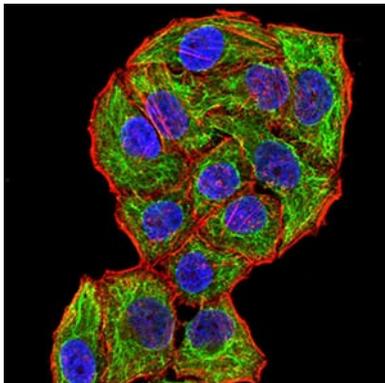
### Image Data



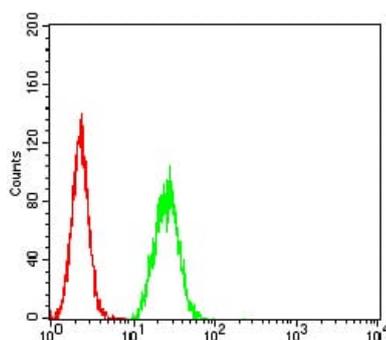
Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



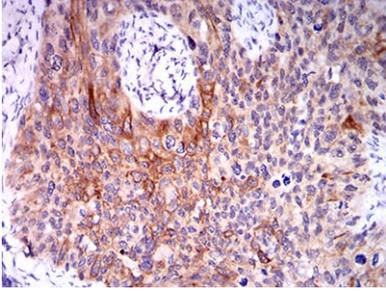
Western blot analysis using CPV-VP2 mouse mAb against SW480 (1), A431 (2), K562 (3), and BCBL-1 (4) cell lysate.



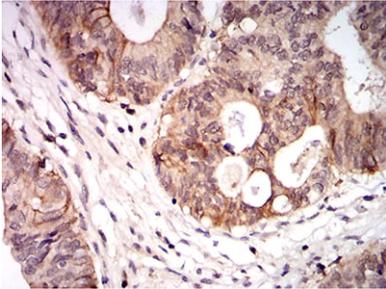
Immunofluorescence analysis of HeLa cells using CPV-VP2 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



Flow cytometric analysis of HeLa cells using CPV-VP2 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using CPV-VP2 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissues using CPV-VP2 mouse mAb with DAB staining.