Product Name: VP2 Mouse Monoclonal Antibody
Catalog #: AMM81768
For research use only.

Summary

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

Application

Dilution Ratio	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
Molecular Weight	61kDa

Antigen Information

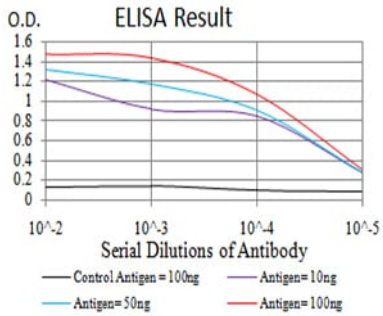
Gene Name	VP2
Alternative Names	VP2
Gene ID	11293627.0
SwissProt ID	
Immunogen	Purified recombinant fragment of human VP2 (AA: 296-438) expressed in E. Coli.

Background

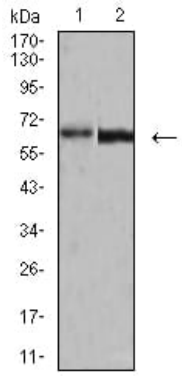
Human parvovirus B19 (B19) is an erythrovirus responsible for acute and chronic anemia in susceptible patients. The virus replicates, both in vivo and in vitro, in the nucleus of the erythroid progenitors. The viral capsid is composed of two viral proteins, VP1 and VP2, the latter making up almost 96% of the viral capsid proteins

Research Area

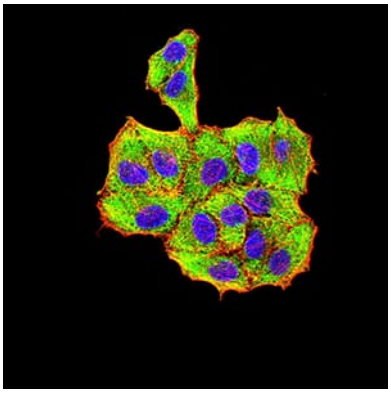
Image Data



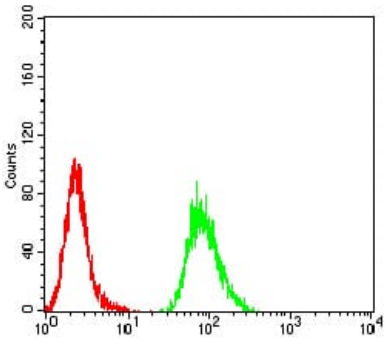
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



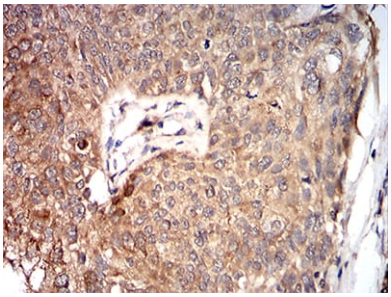
Western blot analysis using VP2 mouse mAb against A431 (1) and BCBL-1 (2) cell lysate.



Immunofluorescence analysis of Hela cells using 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 VP2 mouse mAb (green) and negative control (red).



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