

## SV2C Monoclonal Antibody

### Description

<b>Product type</b>	Antibody
<b>Code</b>	BT-MCA3196
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG1
<b>Size</b>	100µL, 50µL
<b>Immunogen</b>	Purified recombinant fragment of human SV2C (AA: extra mix) expressed in E. Coli.
<b>Mol wt</b>	82.3KDa
<b>Species reactivity</b>	Human
<b>Clonality</b>	Monoclonal
<b>Recommended application</b>	IHC,ICC,FCM
<b>Concentration</b>	N/A
<b>Full name</b>	N/A
<b>Synonyms</b>	N/A

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

SV2C (Synaptic Vesicle Glycoprotein 2C) is a Protein Coding gene. Diseases associated with SV2C include Foodborne Botulism and Alcohol-Related Birth Defect. Among its related pathways are Toxicity of botulinum toxin type F (BoNT/F) and Uptake and actions of bacterial toxins. Gene Ontology (GO) annotations related to this gene include transporter activity and transmembrane transporter activity. An important paralog of this gene is SV2A.

### Recommended Dilution

WB: 1:500 - 1:2000

IHC-p: 1:200 - 1:1000

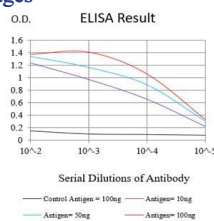
ICC: 1:200 - 1:1000

FCM: 1:200 - 1:400

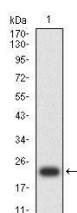
ELISA: 1:10000

Not yet tested in other applications.

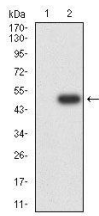
### Images



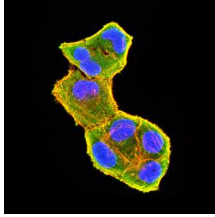
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



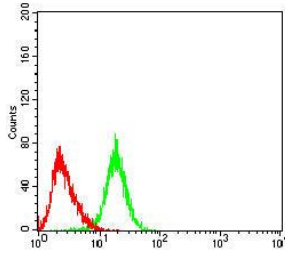
Western blot analysis using SV2C mAb against human SV2C (AA: extra mix) recombinant protein. (Expected MW is 22.7 kDa)



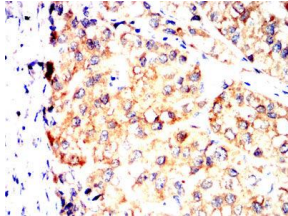
Western blot analysis using SV2C mAb against HEK293-6e (1) and SV2C (AA: extra mix)-hIgGFc transfected HEK2936e (2) cell lysate.



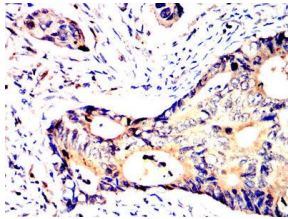
Immunofluorescence analysis of HeLa cells using SV2C mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



Flow cytometric analysis of Raji cells using SV2C mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded liver cancer tissues using SV2C mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded rectal cancer tissues using SV2C mouse mAb with DAB staining.

### Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: [save@bt-laboratory.com](mailto:save@bt-laboratory.com) | [www.bt-laboratory.com](http://www.bt-laboratory.com)