

## SH2B2 Monoclonal Antibody

### Description

<b>Product type</b>	Antibody
<b>Code</b>	BT-MCA4598
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG2b
<b>Size</b>	100µL, 50µL
<b>Immunogen</b>	Purified recombinant fragment of human SH2B2 (AA: 497-676) expressed in E. Coli.
<b>Mol wt</b>	67.7kDa
<b>Species reactivity</b>	Human
<b>Clonality</b>	Monoclonal
<b>Recommended application</b>	IHC,FCM
<b>Concentration</b>	N/A
<b>Full name</b>	N/A
<b>Synonyms</b>	APS

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

### Background

The protein encoded by this gene is expressed in B lymphocytes and contains pleckstrin homology and src homology 2 (SH2) domains. In Burkitt's lymphoma cell lines, it is tyrosine-phosphorylated in response to B cell receptor stimulation. Because it binds Shc independent of stimulation and Grb2 after stimulation, it appears to play a role in signal transduction from the receptor to the Shc/Grb2 pathway.

### Recommended Dilution

WB: 1:500 - 1:2000

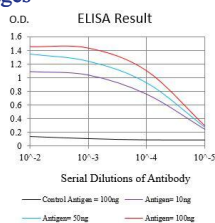
IHC-p: 1:200 - 1:1000

FCM: 1:200 - 1:400

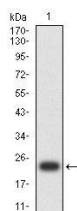
ELISA: 1:10000

Not yet tested in other applications.

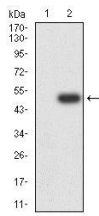
### Images



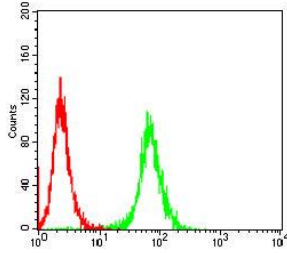
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



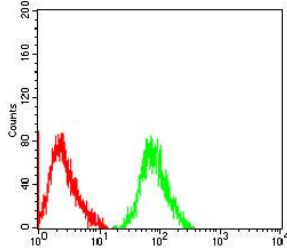
Western blot analysis using SH2B2 mAb against human SH2B2 (AA: 497-676) recombinant protein. (Expected MW is 21.8 kDa)



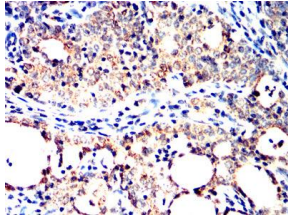
Western blot analysis using SH2B2 mAb against HEK293-6e (1) and SH2B2 (AA: 497-676)-hIgGFc transfected HEK293-6e (2) cell lysate.



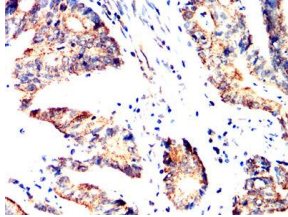
Flow cytometric analysis of HEK293 cells using SH2B2 mouse mAb (green) and negative control (red).



Flow cytometric analysis of HepG2 cells using SH2B2 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using SH2B2 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded colon cancer tissues using SH2B2 mouse mAb with DAB staining.

### Storage

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

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