

## CD120B Monoclonal Antibody

### Description

<b>Product type</b>	Antibody
<b>Code</b>	BT-MCA2492
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG2b
<b>Size</b>	100µL, 50µL
<b>Immunogen</b>	Purified recombinant fragment of human CD120B (AA: extra 23-257) expressed in E. Coli.
<b>Mol wt</b>	48.3kDa
<b>Species reactivity</b>	Human,Mouse
<b>Clonality</b>	Monoclonal
<b>Recommended application</b>	WB,FCM
<b>Concentration</b>	N/A
<b>Full name</b>	N/A
<b>Synonyms</b>	TNFRSF1B;p75;TBPII;TNFBR;TNFR2;TNFR1B;TNFR80;TNF-R75;p75TNFR;TNF-R-II

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

### Background

The protein encoded by this gene is a member of the TNF-receptor superfamily. This protein and TNF-receptor 1 form a heterocomplex that mediates the recruitment of two anti-apoptotic proteins, c-IAP1 and c-IAP2, which possess E3 ubiquitin ligase activity. The function of IAPs in TNF-receptor signalling is unknown, however, c-IAP1 is thought to potentiate TNF-induced apoptosis by the ubiquitination and degradation of TNF-receptor-associated factor 2, which mediates anti-apoptotic signals. Knockout studies in mice also suggest a role of this protein in protecting neurons from apoptosis by stimulating antioxidative pathways.

### Recommended Dilution

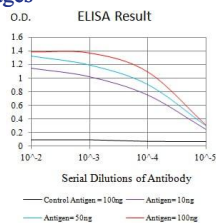
WB: 1:500 - 1:2000

FCM: 1:200 - 1:400

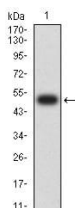
ELISA: 1:10000

Not yet tested in other applications.

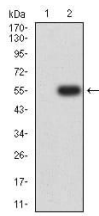
### Images



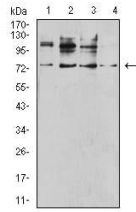
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



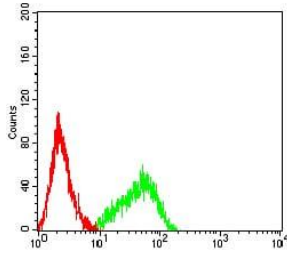
Western blot analysis using CD120B mAb against human CD120B (AA: extra 23-257) recombinant protein. (Expected MW is 51 kDa)



Western blot analysis using CD120B mAb against HEK293 (1) and CD120B (AA: extra 23-257)-hlgGFc transfected HEK293 (2) cell lysate.



Western blot analysis using CD120B mouse mAb against SK-BR-3 (1), C2C12 (2), MOLT4 (3), and T47D (4) cell lysate.



Flow cytometric analysis of HL-60 cells using CD120B mouse mAb (green) and negative control (red).

### Storage

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

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