

CD120B Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4042
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human CD120B (AA: extra 23-257) expressed in E. Coli.
Mol wt	48.3kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	FCM
Concentration	N/A
Full name	N/A
Synonyms	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

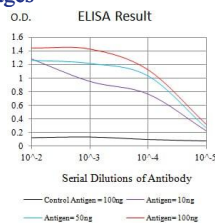
WB: 1:500 - 1:2000

FCM: 1:200 - 1:400

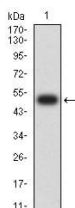
ELISA: 1:10000

Not yet tested in other applications.

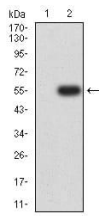
Images



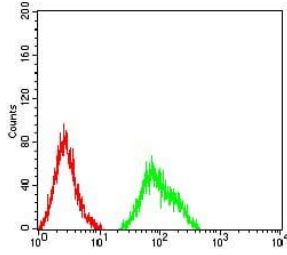
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



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.



Flow cytometric analysis of Ramos 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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