Product Name: **CD120B Mouse Monoclonal Antibody**
Catalog #: **AMM82162**
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	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	ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	48.3kDa

Antigen Information

Gene Name	CD120B
Alternative Names	TNFRSF1B; p75; TBPII; TNFBR; TNFR2; TNFR1B; TNFR80; TNF-R75; p75TNFR; TNF-R-II
Gene ID	7133.0
SwissProt ID	P20333
Immunogen	Purified recombinant fragment of human CD120B (AA: extra 23-257) expressed in E. Coli.

Background

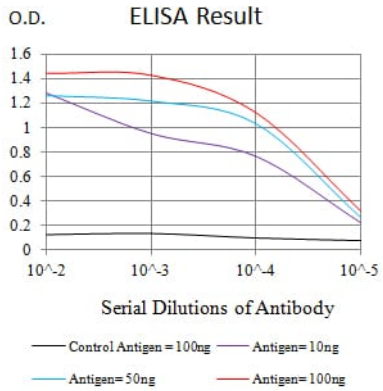
The protein encoded by this gene is a member of the TNF-receptor superfamily. This protein and TNF-receptor 1 form a heterocomplex that mediates the recruitment of two anti-apoptotic proteins, c-IAP1 and c-IAP2, which possess E3 ubiquitin ligase activity. The function of IAPs in TNF-receptor signalling 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.

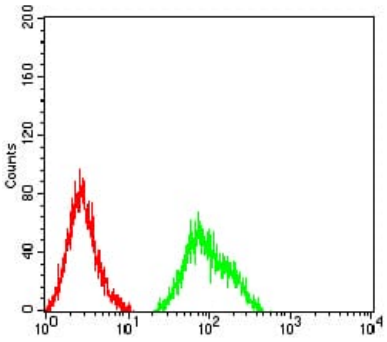
Research Area

Apoptosis,TGF-beta signaling pathway

Image Data



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



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