

10-1007: Monoclonal antibody to A-20/TNFAIP3 (Clone: ABM1G20)

Clonality :	Monoclonal
Clone Name :	ABM1G20
Application :	FACS, WB
Reactivity :	Human
Gene :	TNFAIP3
Gene ID :	7128
Uniprot ID :	P21580
Format :	Purified
Alternative Name :	TNFAIP3, OTUD7C
Isotype :	Mouse IgG1 Kappa
Immunogen Information :	A partial length recombinant protein from C terminal portion of A20 was used as the immunogen for this antibody.

Description

A20 (also known as TNFAIP3) is a potent anti-inflammatory signaling molecule that restricts multiple intracellular signaling cascades. It is a pleiotropically expressed cytoplasmic protein, the expression of which is regulated at both the transcriptional and the post-transcriptional level. In most cell types, A20 is rapidly induced by NF-KappaB in a negative feedback loop that maintains a transient NF-KappaB response. In addition, post-translational modifications of A20 — including phosphorylation, protein cleavage, glycosylation and ubiquitylation — may serve to support or restrict its activity. A20 targets the E3 ubiquitin ligase TRAF6 in the TLR4/IL-1R pathway by antagonizing interactions with the E2 enzymes Ubc13 and UbcH5c. A20 also promotes cell-survival signals, adding another dimension to its ability to regulate dynamic immune responses.

Product Info

Amount :	25 µg / 100 µg
Purification :	Protein G Chromatography
Content :	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Western blot analysis: 4-6 µg/ml

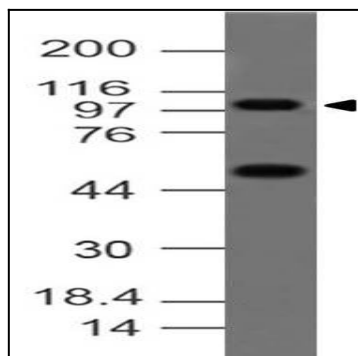


Fig:1- Expression analysis of A20. Anti-A20 antibody (Clone: ABM1G20) was tested at 4 µg/ml on THP-1 Lysate.

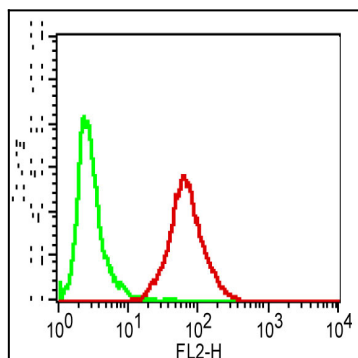


Fig-2: Cell surface FLOW analysis of A20 (Clone : ABM1G20) on HepG2 cells using 0.5 µg/10⁶ cells of antibody. Goat anti-mouse PE conjugate was used as secondary antibody. Green represents isotope control (ABEOMICS), red represents anti-A20 antibody.