

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

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	ABM1G20
<b>Application :</b>	FACS, WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	TNFAIP3
<b>Gene ID :</b>	7128
<b>Uniprot ID :</b>	P21580
<b>Format :</b>	Purified
<b>Alternative Name :</b>	TNFAIP3, OTUD7C
<b>Isotype :</b>	Mouse IgG1 Kappa
<b>Immunogen Information :</b>	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

<b>Amount :</b>	25 µg / 100 µg
<b>Purification :</b>	Protein G Chromatography
<b>Content :</b>	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.
<b>Storage condition :</b>	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

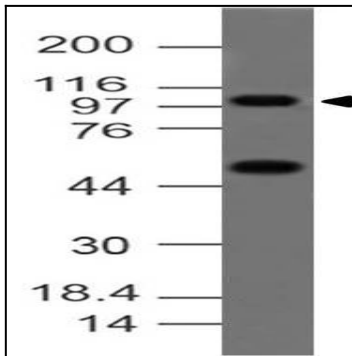


Fig:1- Expression analysis of A20. Anti-A20 antibody (Clone: ABM1G20) was tested at 4 µg/ml on THP-1 Lysate.

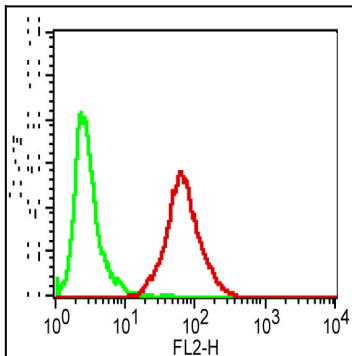


Fig-2: Cell surface FLOW analysis of A20 (Clone : ABM1G20) on HepG2 cells using 0.5 µg/10<sup>6</sup> cells of antibody. Goat anti-mouse PE conjugate was used as secondary antibody. Green represents isotope control (ABEOMICS), red represents anti-A20 antibody.