



# A20 Monoclonal Antibody

<b>Catalog No</b>	YP-mAb-01516
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse
<b>Applications</b>	WB
<b>Gene Name</b>	TNFAIP3
<b>Protein Name</b>	Tumor necrosis factor alpha-induced protein 3
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human TNAP3. AA range:321-370
<b>Specificity</b>	A20 Monoclonal Antibody detects endogenous levels of A20 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-1:2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	TNFAIP3; OTUD7C; Tumor necrosis factor alpha-induced protein 3; TNF alpha-induced protein 3; OTU domain-containing protein 7C; Putative DNA-binding protein A20; Zinc finger protein A20
<b>Observed Band</b>	89kD
<b>Cell Pathway</b>	Cytoplasm. Nucleus. Lysosome.; [A20p50]: Cytoplasm.
<b>Tissue Specificity</b>	Epithelium,Testis,Trachea,
<b>Function</b>	function:Interacts with NAF1 and inhibits TNF-induced NF-kappa-B-dependent gene expression by interfering with an RIP- or TRAF2-mediated transactivation signal. Inhibitor of programmed cell death. Has a role in the function of the lymphoid system and may contribute to the in vivo effects of TNF (By similarity). Has deubiquitinating activity that is directed towards 'Lys-48' or 'Lys-63'-linked polyubiquitin chains.;induction:By TNF-alpha.;similarity:Belongs to the peptidase C64 family.;similarity:Contains 1 OTU domain.;similarity:Contains 7 A20-type zinc fingers.;subunit:Homodimer. Interacts with NAF1, TAX1BP1 and TRAF2.,
<b>Background</b>	This gene was identified as a gene whose expression is rapidly induced by the tumor necrosis factor (TNF). The protein encoded by this gene is a zinc finger protein and ubiquitin-editing enzyme, and has been shown to inhibit NF-kappa B activation as well as TNF-mediated apoptosis. The encoded protein, which has



both ubiquitin ligase and deubiquitinase activities, is involved in the cytokine-mediated immune and inflammatory responses. Several transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2012],

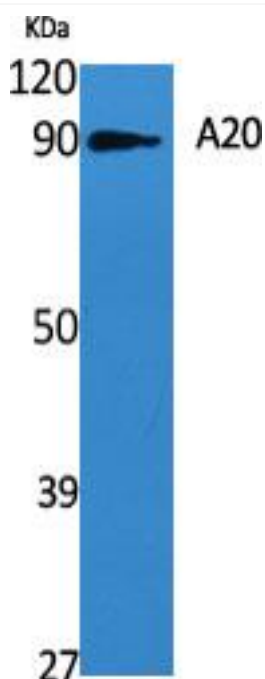
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using A20 Monoclonal Antibody