

Mouse anti-Human A20/TNFAIP3 Monoclonal Antibody | anti-TNFAIP3 antibody

A20/TNFAIP3 (Marker of Tamoxifen Resistance)

CATALOG # AAA215364	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

A20/TNFAIP3; Monoclonal Antibody; A20/TNFAIP3 (Marker of Tamoxifen Resistance); A20; Putative DNA-binding protein A20; TNF alpha-induced protein 3 (TNFAIP3); Tumor Necrosis Factor alpha-Induced Protein 3(TNFAIP3); Zinc finger protein A20; anti-TNFAIP3 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2c, kappa
Clone Number	TNFAIP3/2813
Specificity	A20 (also known as TNFAIP3) is a zinc finger protein and inhibits NF-kappa B activation as well as TNF-mediated apoptosis. The protein has both ubiquitin ligase and deubiquitinase activities, is involved in the cytokine-mediated immune and inflammatory responses. A20 is as a tumor suppressor and has been shown to protect MCF-7 breast carcinoma cells from TNF-induced apoptosis. High A20 expression levels were observed in more aggressive breast tumors (ER-negative, progesterone receptor-negative and high histological grade). These findings strongly suggest that A20 is a key protein involved in tamoxifen resistance.
Purity/Purification	Purified Ab with BSA and Azide at 200ug/ml or Purified Ab with BSA and Azide at 200ug/ml or Purified Ab WITHOUT BSA and Azide at 1.0mg/ml
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	790
Applicable Applications for anti-TNFAIP3 antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant fragment (around aa 241-356) of Human TNFAIP3 protein (exact sequence is proprietary)
Cellular Localization	Cytoplasmic, Cell Surfaceand Nuclear
Hu-chromosome Location	6q23
Positive Control	Hodgkin's Lymphoma or Hepatocellular carcinoma (HCC).
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C. Antibody without azide: store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed, paraffin-embedded human breast carcinoma stained with TNFAIP3 Mouse Monoclonal Antibody (TNFAIP3/2813).



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human hepatocellular carcinoma stained with TNFAIP3 Mouse Monoclonal Antibody (TNFAIP3/2813).

ADDITIONAL INFORMATION

References	Schmitz R, et al. TNFAIP3 (A20) is a tumor suppressor gene in Hodgkin lymphoma and primary mediastinal B cell lymphoma. J Exp Med. 2009 May 11; 206(5):981-9. J A Vendrell,et al. A20/TNFAIP3, a new estrogen-regulated gene that confers tamoxifen resistance in breast cancer cells. Oncogene,26:4656-4667; 2007.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	395393995
NCBI GeneID	7128
NCBI Accession #	NP_001257436.1
NCBI GenBank Nucleotide #	NP_001257436.1
UniProt Accession #	P21580
Molecular Weight	90kDa
NCBI Official Full Name	tumor necrosis factor alpha-induced protein 3
NCBI Official Synonym Full Names	TNF alpha induced protein 3
NCBI Official Symbol	TNFAIP3
NCBI Official Synonym Symbols	A20; AISBL; OTUD7C; TNFA1P2
NCBI Protein Information	tumor necrosis factor alpha-induced protein 3
UniProt Protein Name	Tumor necrosis factor alpha-induced protein 3
UniProt Gene Name	TNFAIP3
UniProt Synonym Gene Names	OTUD7C; TNF alpha-induced protein 3
UniProt Entry Name	TNAP3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.