A20 / TNFAIP3 (Marker of Tamoxifen Resistance) Antibody

Mouse Monoclonal Antibody [Clone TNFAIP3/2813]

Catalog No	Format	Size
7128-MSM3-P0	Purified Ab with BSA and Azide	200ug/ml
7128-MSM3-P1	Purified Ab with BSA and Azide	200ug/ml
7128-MSM3-P1ABX	Purified Ab WITHOUT BSA and Azide	1.0mg/ml

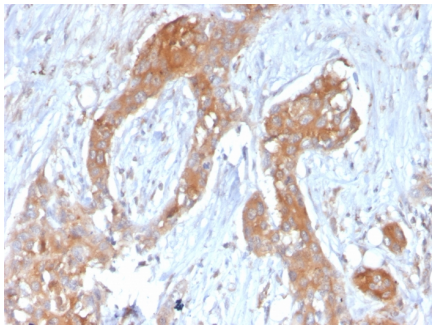
Applications	Tested Dillution
Immunohistochemistry (IHC)	1-2ug/ml

Product Details

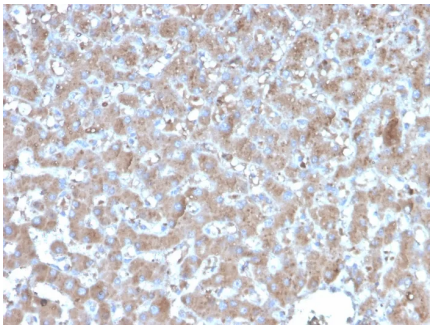
Clone	TNFAIP3/2813
Gene Name	TNFAIP3
Immunogen	Recombinant fragment (around aa 241-356) of human TNFAIP3 protein (exact sequence is proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2c / Kappa
Mol. Weight of Antigen	~90kDa
Cellular Localization	Cytoplasm, Lysosome, Nucleus
Species Reactivity	Human
Positive Control	Hodgkin s Lymphoma or hepatocellular carcinoma (HCC).

**Optimal dilution for a specific application should be determined.*

Product Images for A20 / TNFAIP3 (Marker of Tamoxifen Resistance) Antibody



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



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

Specificity & Comments

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. HighA20expression 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.

Research Areas

Apoptosis, Autophagy, Cardiovascular, Immunology, Ovarian Cancer, Signal Transduction

Known Applications & Suggested Dilutions

Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT) ,(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95&degC followed by cooling at RT for 20 minutes) | Optimal dilution for a specific application should be determined.

Supplied As

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.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.

There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.