

For Research Use Only

# TNFAIP8 Monoclonal antibody

Catalog Number: 67737-1-Ig



## Basic Information

<b>Catalog Number:</b> 67737-1-Ig	<b>GenBank Accession Number:</b> BC007014	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 25816	<b>CloneNo.:</b> 3D2F7
<b>Source:</b> Mouse	<b>Full Name:</b> tumor necrosis factor, alpha-induced protein 8	<b>Recommended Dilutions:</b> WB 1:1000-1:4000
<b>Isotype:</b> IgG2b	<b>Calculated MW:</b> 198 aa, 23 kDa	
<b>Immunogen Catalog Number:</b> AG8805	<b>Observed MW:</b> 19-21 kDa	

## Applications

**Tested Applications:**  
WB, ELISA

**Species Specificity:**  
Human

**Positive Controls:**

WB : HeLa cells, Jurkat cells, K-562 cells, THP-1 cells

## Background Information

TNFAIP8 (tumor necrosis factor, alpha-induced protein 8), also called SCC-52/GG2-1/NDED, is associated with enhanced cell survival and inhibition of apoptosis. The induction of TNFAIP8 by TNF depends on the activation of NFκB. TNFAIP8 suppresses the TNF-mediated apoptosis by inhibiting caspase-8 activity but not the processing of procaspase-8, subsequently resulting in inhibition of BID cleavage and caspase-3 activation. TNFAIP8 is expressed in adult spleen, lymph node, thymus, thyroid, bone marrow, and placenta, and in fetal liver, lung, and kidney at high levels, also expressed in various tumor tissues and all cancer cell lines tested.

## Storage

**Storage:**

Store at -20°C.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

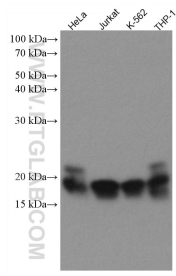
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67737-1-Ig (TNFAIP8 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.