

Nur für Forschungszwecke

# NRF2, NFE2L2 Monoklonaler Antikörper



Katalog-Nr.: 66504-1-Ig

Vorgestelltes Produkt

86 Publikationen

## Allgemeine Informationen

<b>Katalog-Nr.:</b> 66504-1-Ig	<b>GenBank-Zugangsnummer:</b> BC011558	<b>Reinigungsmethode:</b> Protein-A-Reinigung
<b>Größe:</b> 150ul, Konzentration: 1500 µg/ml von 4780 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	<b>GeneID (NCBI):</b> nuclear factor (erythroid-derived 2)-like 2	<b>CloneNo.:</b> 1E9E3
<b>Wirt:</b> Maus	<b>Berechnete Masse:</b> 605 aa, 68 kDa	<b>Empfohlene Verdünnungen:</b> WB 1:1000-1:4000
<b>Isotyp:</b> IgG2b	<b>Beobachtete Masse:</b> 110 kDa	
<b>Immunogen Katalognummer:</b> AG9469		

## Anwendungen

<b>Geprüfte Anwendungen:</b> WB, ELISA	<b>Positivkontrollen:</b> WB: HeLa-Zellen,
<b>In Publikationen genannte Anwendungen:</b> CoIP, IF, IHC, IP, WB	
<b>Getestete Reaktivität:</b> Human	
<b>Zitierte Arten:</b> Hausschwein, Human, Maus, Ratte	

## Hintergrundinformationen

NRF2, also named as NFE2L2, belongs to the bZIP family and CNC subfamily. It is a transcription activator that binds to antioxidant response (ARE) elements in the promoter regions of target genes. NRF2 is important for the coordinated up-regulation of genes in response to oxidative stress. It may be involved in the transcriptional activation of genes of the beta-globin cluster by mediating enhancer activity of hypersensitive site 2 of the beta-globin locus control region. Nrf2 is a key player in the regulation of genes encoding for many antioxidative response enzymes. The expression of NRF2 may be induced under oxidative stress (PMID:14567983). In lung cancer, Nrf2 activation in malignant cells has been associated with tumor progression and chemotherapy resistance (PMID:20534738). Identifying patients with abnormal NRF2 expression may be important for selection for chemotherapy in NSCLC. As new investigators break into the emerging field of Nrf2 research, confusion regarding the correct migratory pattern of Nrf2 is causing doubts about the accuracy and reproducibility of published results. This letter provides solid evidence that the actually observed molecular weight of Nrf2 is about 70kDa and 95-110 kDa. (PMID: 22703241).

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Jinliang Liu	34630847	Oxid Med Cell Longev	WB
Zi-Chao Wang	36163178	Cell Death Dis	WB
Lei Zhao	34582963	Food Chem Toxicol	WB

## Lagerung

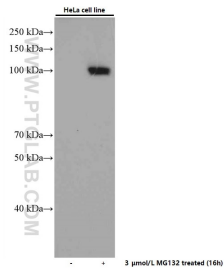
**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 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  
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## Ausgewählte Validierungsdaten



Untreated and MG132 treated HeLa cells were subjected to SDS PAGE followed by western blot with 66504-1-Ig (NRF2, NFE2L2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.