

Nur für Forschungszwecke

# NRF1 Monoklonaler Antikörper

Katalog-Nr.:CL594-66832



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL594-66832	<b>GenBank-Zugangsnummer:</b> BC016925	<b>Reinigungsmethode:</b> Protein-A-Reinigung
<b>Größe:</b> 100ul , Konzentration: 1000 µg/ml von4899 Nanodrop;	<b>GeneID (NCBI):</b> nuclear respiratory factor 1	<b>CloneNo.:</b> 3C2B8
<b>Wirt:</b> Maus	<b>Berechnete Masse:</b> 522 aa, 56 kDa	<b>Empfohlene Verdünnungen:</b> IF 1:50-1:500
<b>Isotyp:</b> IgG2b		<b>Anregungs-/Emissionsmaxima- Wellenlängen:</b> 588 nm / 604 nm
<b>Immunogen Katalognummer:</b> AG28149		

## Anwendungen

<b>Geprüfte Anwendungen:</b> FC (Intra), IF	<b>Positivkontrollen:</b> IF : HepG2-Zellen,
<b>Getestete Reaktivität:</b> Human	

## Hintergrundinformationen

NRF1, also named as Alpha-pal and NRF-1, belongs to the NRF1/Ewg family. It is a transcription factor that activates the expression of the EIF2S1 (EIF2-alpha) gene. NRF1 is implicated in the control of nuclear genes required for respiration, heme biosynthesis, and mitochondrial DNA transcription and replication. It plays a critical role in regulating the expression of many antioxidant response element (ARE)-dependent genes. NRF1 exists various isoforms and long isoform is about 67 kDa and short isoform is about 45 kDa.

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.  
**Lagerungspuffer:**  
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

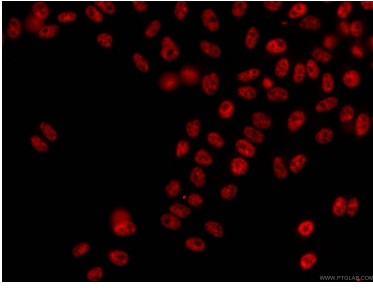
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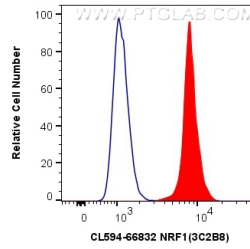
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## Ausgewählte Validierungsdaten



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CL594-66832 (NRF1 antibody) at dilution of 1:100.



1X10<sup>6</sup> HepG2 cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human NRF1 (CL594-66832, Clone:3C2B8) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).