

Nur für Forschungszwecke

# Vimentin Monoklonaler Antikörper

Katalog-Nr.:CL555-60330

Vorgestelltes Produkt



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL555-60330	<b>GenBank-Zugangsnummer:</b> BC000163	<b>Reinigungsmethode:</b> Protein-G-Reinigung
<b>Größe:</b> 100ul , Konzentration: 1000 µg/ml von7431 Nanodrop;	<b>GeneID (NCBI):</b> vimentin	<b>CloneNo.:</b> 3H9D1
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> vimentin	<b>Empfohlene Verdünnungen:</b> IF 1:200-1:800
<b>Isotyp:</b> IgG1	<b>Berechnete Masse:</b> 466 aa, 54 kDa	<b>Anregungs-/Emissionsmaxima- Wellenlängen:</b> 557 nm / 570nm
<b>Immunogen Katalognummer:</b> AG0489	<b>Beobachtete Masse:</b> 55-60 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> IF	<b>Positivkontrollen:</b> IF : HepG2-Zellen, HeLa-Zellen
<b>Getestete Reaktivität:</b> Human, Maus, Ratte	

## Hintergrundinformationen

Vimentin, also named as VIM, belongs to the intermediate filament family. Vimentin is class-III intermediate filaments found in various non-epithelial cells, especially mesenchymal cells. Vimentin is important for stabilizing the architecture of the cytoplasm. Monocyte-derived macrophages secrete vimentin into the extracellular space in vitro. Secretion of vimentin was enhanced by the proinflammatory cytokine tumor necrosis factor-alpha (TNFA; 191160) and inhibited by the antiinflammatory cytokine IL10 (124092), suggesting that vimentin is involved in the immune response. Vimentin has specialized functions that contribute to specific dynamic cellular processes. As a phosphoprotein, 55-60 kDa of vimentin proteins can be observed due to the different phosphorylation level.

## 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

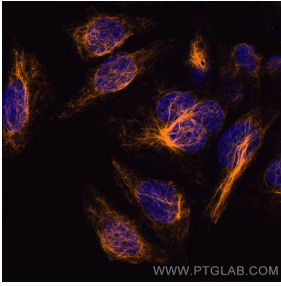
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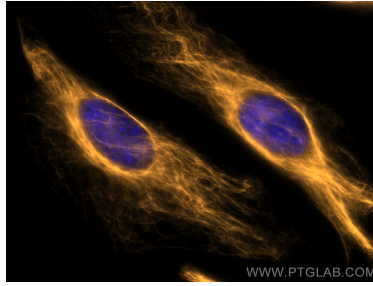
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## Ausgewählte Validierungsdaten



Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using CoraLite®555 Vimentin antibody (CL555-60330, Clone: 3H9D1) at dilution of 1:400.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using CoraLite®555 Vimentin antibody (CL555-60330, Clone: 3H9D1) at dilution of 1:200.