

Nur für Forschungszwecke

# Vimentin Rekombinanter Antikörper



Katalog-Nr.:CL594-80232

Vorgestelltes Produkt

## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL594-80232	<b>GenBank-Zugangsnummer:</b> BC000163	<b>Reinigungsmethode:</b> Protein-A-Reinigung
<b>Größe:</b> 100ul , Konzentration: 1000 µg/ml von7431	<b>GeneID (NCBI):</b> vimentin	<b>CloneNo.:</b> 6K21
<b>Nanodrop;</b>	<b>Vollständiger Name:</b> vimentin	<b>Empfohlene Verdünnungen:</b> IF 1:50-1:500
<b>Wirt:</b> Kaninchen	<b>Berechnete Masse:</b> 466 aa, 54 kDa	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 588 nm / 604 nm
<b>Isotyp:</b> IgG	<b>Beobachtete Masse:</b> 50-55 kDa	
<b>Immunogen Katalognummer:</b> AG0489		

## Anwendungen

<b>Geprüfte Anwendungen:</b> IF	<b>Positivkontrollen:</b> IF : 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. Isoforms of vimentin (49 kDa and 60 kDa) had also been reported. (PMID: 8640945, 22728585).

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Vor Licht schützen.  
**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

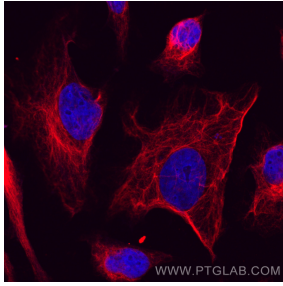
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Ausgewählte Validierungsdaten



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CoraLite®594 Vimentin antibody (CL594-80232, Clone: 6K21 ) at dilution of 1:200.