

À des fins de recherche uniquement

# Anticorps Monoclonal anti-Vimentin

Numéro de catalogue: CL594-60330

1 Publications



## Informations de base

Numéro de catalogue: CL594-60330	Numéro d'acquisition GenBank: BC000163	Méthode de purification: Purification par protéine G
Taille: 100ul, Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 7431	CloneNo.: 3H9D1
Hôte: Mouse	Nom complet: vimentin	Dilutions recommandées: IF 1:50-1:500
Isotype: IgG1	MW calculé 466 aa, 54 kDa	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG0489		

## Applications

Applications testées: FC (Intra), IF	Contrôles positifs: IF : cellules HepG2,
Demandes citées: IF	
Spécificité de l'espèce: Humain, rat, souris	
Espèces citées: Humain	

## Informations générales

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. The antibody is conjugated with CL594, Ex/Em 593 nm/614 nm.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Maidinaimu Abudula	35557941	Front Cell Dev Biol	IF

## Stockage

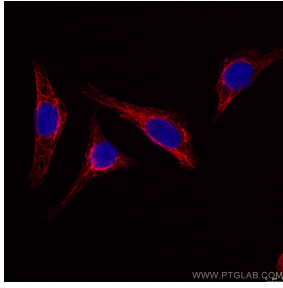
**Stockage:**  
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.  
**Tampon de stockage:**  
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

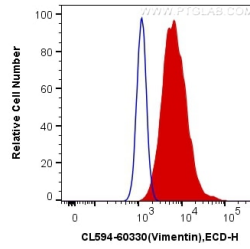
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Données de validation sélectionnées



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CL594-60330 (Vimentin antibody) at dilution of 1:100.



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human Vimentin (CL594-60330, Clone:3H9D1) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).