

À des fins de recherche uniquement

Anticorps Monoclonal anti-Vimentin



Numéro de catalogue: CL488-60330

1 Publications

Informations de base

| | | |
|--|---|---|
| Numéro de catalogue: CL488-60330 | 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 1:200-1:800 |
| Isotype: IgG1 | MW calculé 466 aa, 54 kDa | Excitation/Emission maxima wavelengths: 491 nm / 516 nm |
| Immunogen Catalog Number: AG0489 | | |

Applications

| | |
|---|--|
| Applications testées: FC (Intra), IF | Contrôles positifs: IF : cellules HepG2, tissu d'amygdales humain |
| Demandes citées: IF, IHC | |
| Spécificité de l'espèce: Humain, rat, souris | |
| Espèces citées: souris | |

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 CL488, Ex/Em 488 nm/515 nm.

Publications notables

| Autrice | Pubmed ID | Journal | Application |
|------------|-----------|-----------------|-------------|
| Feng Zheng | 33760044 | J Mol Cell Biol | IHC, IF |

Stockage

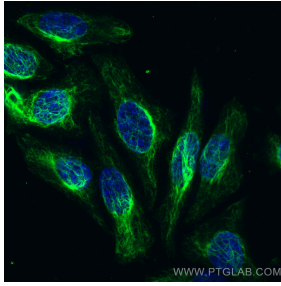
Stockage:
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

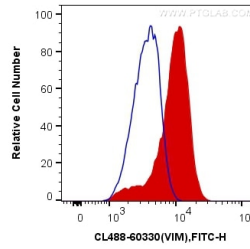
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

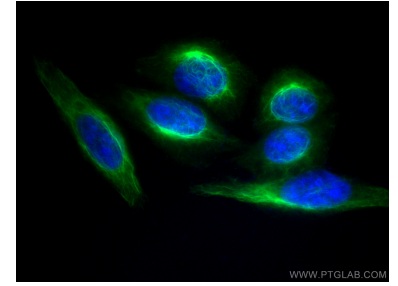
Données de validation sélectionnées



Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using CoraLite®488 Vimentin antibody (CL488-60330, Clone: 3H9D1) at dilution of 1:400.



1X10⁶ Jurkat cells were intracellularly stained with 0.4 ug CoraLite®488 Anti-Human Vimentin (CL488-60330, Clone:3H9D1) (red), or 0.4 ug Mouse IgG1 Isotype Control (CL488-66360, Clone: T1F8D3F10) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using CoraLite®488 Vimentin antibody (CL488-60330, Clone: 3H9D1) at dilution of 1:400.