

Nur für Forschungszwecke

Vimentin Monoklonaler Antikörper

Katalog-Nr.:CL488-60330

1 Publikationen



Allgemeine Informationen

Katalog-Nr.: CL488-60330	GenBank-Zugangsnummer: BC000163	Reinigungsmethode: Protein-G-Reinigung
Größe: 100ul, Konzentration: 1000 µg/ml von7431 Nanodrop;	GeneID (NCBI): vimentin	CloneNo.: 3H9D1
Wirt: Maus	Vollständiger Name: vimentin	Empfohlene Verdünnungen: IF 1:200-1:800
Isotyp: IgG1	Berechnete Masse: 466 aa, 54 kDa	Anregungs-/Emissionsmaxima-Wellenlängen: 491 nm / 516 nm
Immunogen Katalognummer: AG0489		

Anwendungen

Geprüfte Anwendungen: FC (Intra), IF	Positivkontrollen: IF : HepG2-Zellen, humanes Tonsillitisgewebe
In Publikationen genannte Anwendungen: IF, IHC	
Getestete Reaktivität: Human, Maus, Ratte	
Zitierte Arten: Maus	

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. The antibody is conjugated with CL488, Ex/Em 488 nm/515 nm.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Feng Zheng	33760044	J Mol Cell Biol	IHC, IF

Lagerung

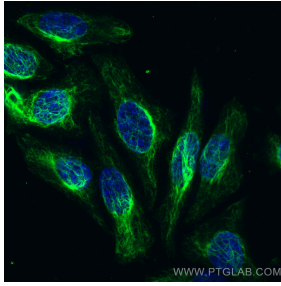
Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.
Lagerungspuffer:
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

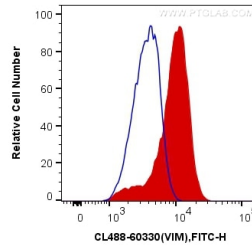
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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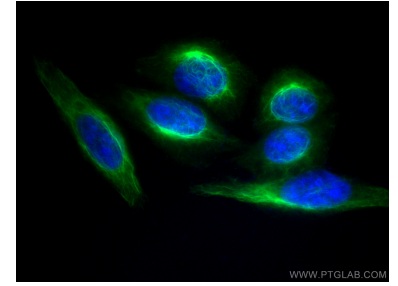
Ausgewählte Validierungsdaten



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.