

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-MMP2



Numéro de catalogue: **CL488-10373** **Phare**

Informations de base

Numéro de catalogue: CL488-10373	Numéro d'acquisition GenBank: BC002576	Méthode de purification: Purification par affinité contre l'antigène
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 4313	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Hôte: Lapin	Nom complet: matrix metalloproteinase 2 (gelatinase A, 72kDa gelatinase, 72kDa type IV collagenase)	
Isotype: IgG	MW calculé 72 kDa	
Immunogen Catalog Number: AG0549	MW observés: 53-72 kDa	

Applications

Applications testées:
FC (Intra)

Spécificité de l'espèce:
Humain, rat, souris

Informations générales

MMP2, also named as CLG4A, Gelatinase Am, TBE-1 and PEX, belongs to the peptidase M10A family. It is ubiquitous metalloproteinase that is involved in diverse functions such as remodeling of the vasculature, angiogenesis, tissue repair, tumor invasion, inflammation, and atherosclerotic plaque rupture. MMP2 contributes to myocardial oxidative stress by regulating the activity of GSK3beta. It cleaves GSK3beta in vitro. MMP2 can be cleaved into PEX chain (~60kd). Western blot analysis showed that the 72 kDa and 62 kDa proteinase activities were pro-MMP2 and the active enzyme, respectively (PMID:11112697).

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.

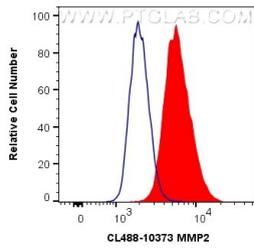
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées



1X10⁶ PC-3 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human MMP2 (CL488-10373) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).