

À des fins de recherche uniquement

Anticorps Monoclonal anti-MYH14

Numéro de catalogue: 66825-1-Ig **2 Publications**



Informations de base

Numéro de catalogue: 66825-1-Ig	Numéro d'acquisition GenBank: NM_001077186	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 1500 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 79784	CloneNo.: 1B4C9
Hôte: Mouse	Nom complet: myosin, heavy chain 14	Dilutions recommandées: WB 1:5000-1:10000 IHC 1:1000-1:4000 IF 1:50-1:500
Isotype: IgG2a	MW calculé: 228 kDa	
Immunogen Catalog Number: AG28063	MW observés: 200-230 kDa	

Applications

Applications testées:
FC, IF, IHC, WB, ELISA

Demandes citées:
IF, WB

Spécificité de l'espèce:
Humain, souris

Espèces citées:
rat

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules COLO 320, cellules HT-29

IHC : tissu de côlon humain, tissu d'intestin grêle de souris

IF : tissu de muscle squelettique de souris,

Informations générales

MYH14, also named as KIAA2034 and NMHC II-C, is cellular myosin that appears to play a role in cytokinesis, cell shape, and specialized functions such as secretion and capping. Defects in MYH14 are the cause of deafness autosomal dominant type 4 (DFNA4).

Publications notables

Autrice	Pubmed ID	Journal	Application
Helena Sofia Domingues	32620697	J Cell Sci	IF
Helena Sofia Domingues	34005293	J Cell Sci	WB, IF

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % 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)

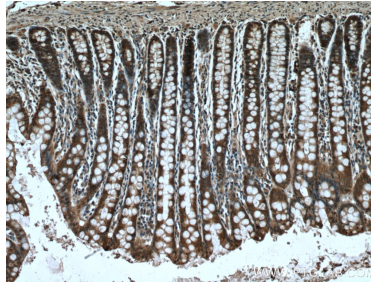
E: proteintech@ptglab.com
W: ptglab.com

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

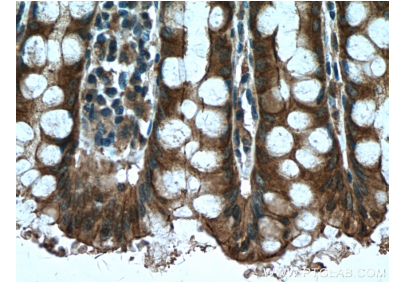
Données de validation sélectionnées



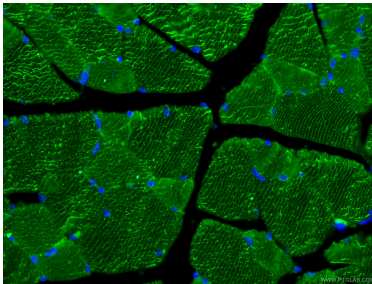
COLO 320 cells were subjected to SDS PAGE followed by western blot with 66825-1-Ig (MYH14 antibody) at dilution of 1:100000 incubated at room temperature for 1.5 hours.



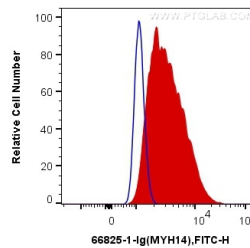
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 66825-1-Ig (MYH14 antibody) at dilution of 1:2000 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 66825-1-Ig (MYH14 antibody) at dilution of 1:2000 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse skeletal muscle tissue using 66825-1-Ig (MYH14 antibody) at dilution of 1:100 and CoraLite488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1x10⁶ HT-29 cells were intracellularly stained with 0.2 ug Anti-Human MYH14 (66825-1-Ig, Clone:1B4C9) and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.2 ug Mouse IgG2b Isotype Control (66360-3-Ig, Clone: K11B8C4B5) (blue). Cells were fixed with 4% PFA and permeabilized with 0.1% TritonX-100.