

À des fins de recherche uniquement

Anticorps Monoclonal anti-MYL6

Numéro de catalogue: 68142-1-Ig

Phare



Informations de base

Numéro de catalogue:	Numéro d'acquisition GenBank:	Méthode de purification:
68142-1-Ig	BC006781	Purification par protéine G
Taille:	Identification du gène (NCBI):	CloneNo.:
150ul, Concentration: 1000 µg/ml by Nanodrop;	4637	2G4C9
Hôte:	Nom complet:	Dilutions recommandées:
Mouse	myosin, light chain 6, alkali, smooth muscle and non-muscle	WB 1:5000-1:50000 IHC 1:1000-1:4000 IF 1:500-1:2000
Isotype:	MW calculé	
IgG1	17 kDa	
Immunogen Catalog Number:	MW observés:	
AG13091	17-25 kDa	

Applications

Applications testées:

IF, IHC, WB, ELISA

Spécificité de l'espèce:

Humain, Lapin, porc, rat, souris

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

Contrôles positifs:

WB : tissu cardiaque de porc, cellules A549, tissu cardiaque de lapin, tissu cardiaque de rat, tissu cardiaque de souris

IHC : tissu de côlon humain, tissu cardiaque de rat, tissu cardiaque de souris, tissu de muscle squelettique de rat, tissu de muscle squelettique de souris, tissu rénal humain

IF : cellules HeLa,

Informations générales

Myosin is a hexameric ATPase cellular motor protein. It is composed of two heavy chains, two nonphosphorylatable alkali light chains, and two phosphorylatable regulatory light chains. MYL6 (Myosin light polypeptide 6), encodes a myosin alkali light chain that is expressed in smooth muscle and non-muscle tissues. Expression of MYL6 is high in fibroblasts and myoblasts (PMID:8188229, PubMed:2304459, PMID:2722814).

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.

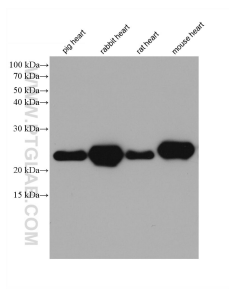
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

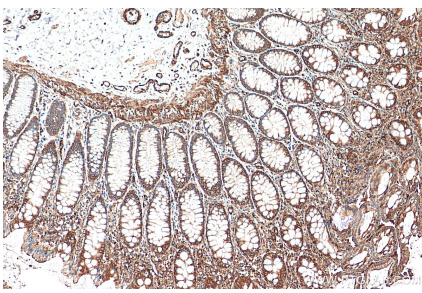
E: proteintech@ptglab.com
W: ptglab.com

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

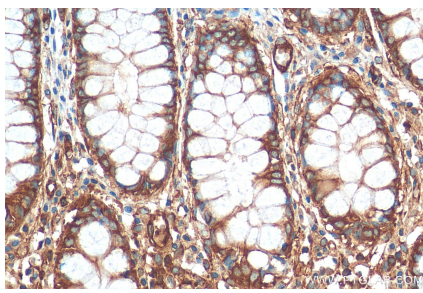
Données de validation sélectionnées



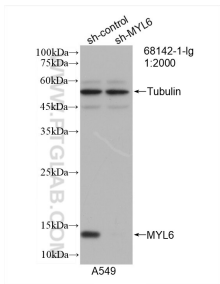
Various lysates were subjected to SDS PAGE followed by western blot with 68142-1-Ig (MYL6 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



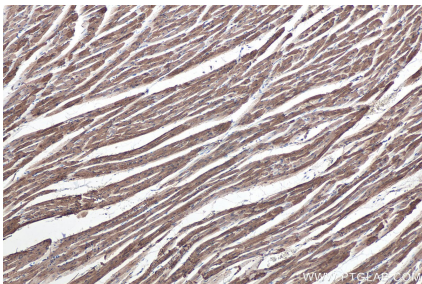
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 68142-1-Ig (MYL6 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



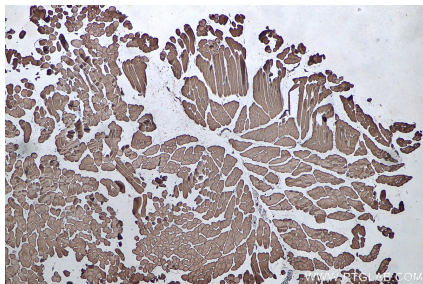
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 68142-1-Ig (MYL6 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



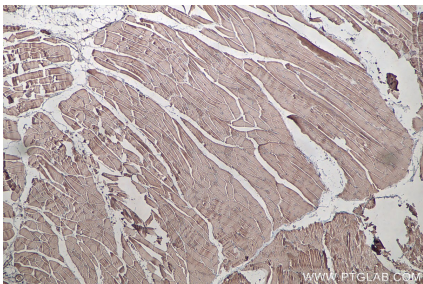
WB result of MYL6 antibody (68142-1-Ig; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-MYL6 transfected A549 cells.



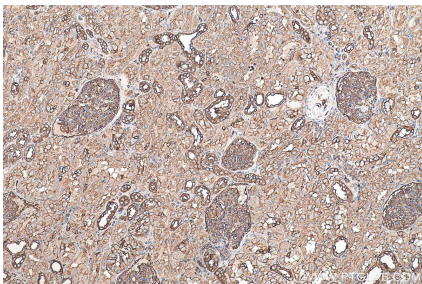
Immunohistochemical analysis of paraffin-embedded rat heart tissue slide using 68142-1-Ig (MYL6 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



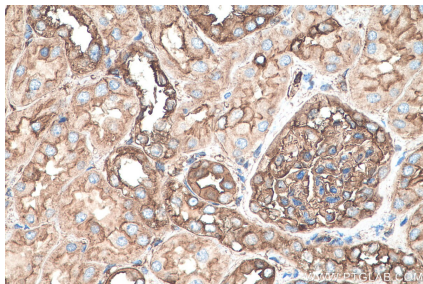
Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 68142-1-Ig (MYL6 antibody) at dilution of 1:2000 (under 4x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



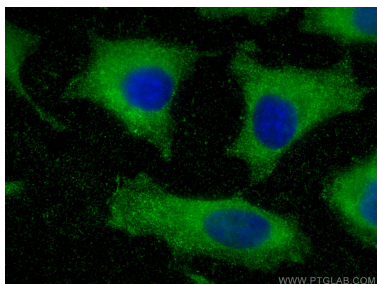
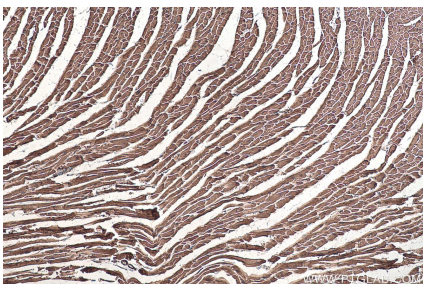
Immunohistochemical analysis of paraffin-embedded rat skeletal muscle tissue slide using 68142-1-Ig (MYL6 antibody) at dilution of 1:2000 (under 4x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 68142-1-Ig (MYL6 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 kidney tissue slide using 68142-1-Ig (MYL6 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 68142-1-Ig (MYL6 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).

Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using MYL6 antibody (68142-1-Ig, Clone: 2G4C9) at dilution of 1:1000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).