

MYL6 Monoklonaler Antikörper

Katalog-Nr.: 68142-1-Ig

Vorgestelltes Produkt

Allgemeine Informationen

Katalog-Nr.: 68142-1-Ig	GenBank-Zugangsnummer: BC006781	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul, Konzentration: 1000 µg/ml von 4637 Nanodrop;	GeneID (NCBI): 4637	CloneNo.: 2G4C9
Wirt: Maus	Vollständiger Name: myosin, light chain 6, alkali, smooth muscle and non-muscle	Empfohlene Verdünnungen: WB 1:5000-1:50000 IHC 1:1000-1:4000
Isotyp: IgG1	Berechnete Masse: 17 kDa	
Immunogen Katalognummer: AG13091	Beobachtete Masse: 17-25 kDa	

Anwendungen

Geprüfte Anwendungen: IHC, WB, ELISA	Positivkontrollen:
Getestete Reaktivität: Hausschwein, Human, Kaninchen, Maus, Ratte	WB : Hausschwein-Herzgewebe, A549-Zellen, Kaninchenherzgewebe, Mausherzgewebe, Rattenherzgewebe
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	IHC : humanes Kolongewebe, humanes Nierengewebe, Mausherzgewebe, Maus-Skelettmuskelgewebe, Rattenherzgewebe, Ratten-Skelettmuskelgewebe

Hintergrundinformationen

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).

Lagerung

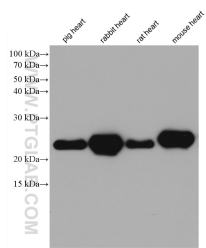
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

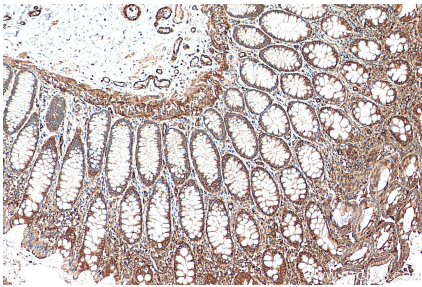
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

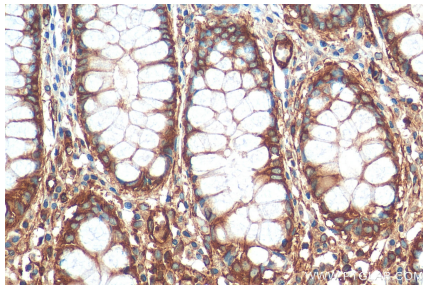
Ausgewählte Validierungsdaten



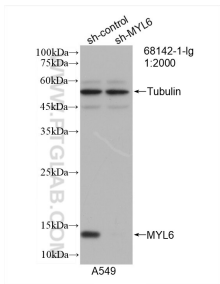
Various lysates were subjected to SDS PAGE followed by western blot with 68142-1-Ig (MYL6 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



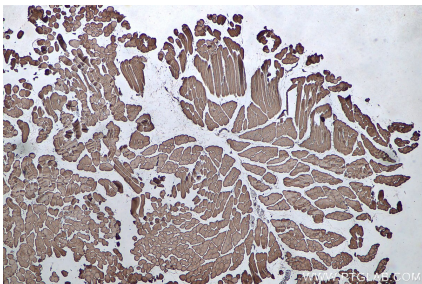
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 68142-1-Ig (MYL6 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



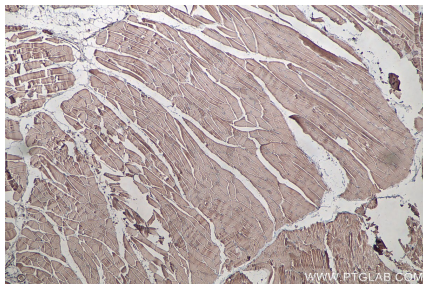
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 68142-1-Ig (MYL6 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



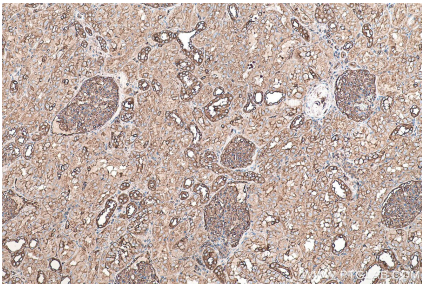
WB result of MYL6 antibody (68142-1-Ig; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-MYL6 transfected A549 cells.



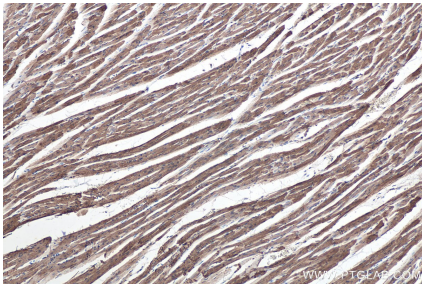
Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 68142-1-Ig (MYL6 antibody) at dilution of 1:2000 (under 4x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



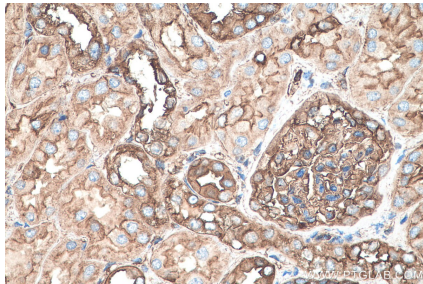
Immunohistochemical analysis of paraffin-embedded rat skeletal muscle tissue slide using 68142-1-Ig (MYL6 antibody) at dilution of 1:2000 (under 4x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



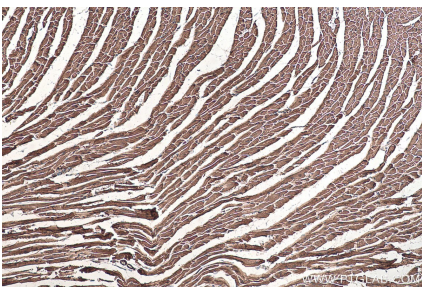
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 68142-1-Ig (MYL6 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded 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 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).