antibodies -online.com





anti-MYL9 antibody (pSer20)

3 Images

3

Publications



Go to Product page

Overview	
Quantity:	100 μL
Target:	MYL9
Binding Specificity:	pSer20
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYL9 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))
Product Details	
Immunogen:	KLH conjugated synthetic phosphopeptide derived from human Myosin Regulatory Light polypeptide 9 around the phosphorylation site of Ser20
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Dog,Cow,Sheep,Pig,Rabbit
Purification:	Purified by Protein A.
Target Details	
Target:	MYL9

Target Details

rarget Details	
Alternative Name:	MYL9 (MYL9 Products)
Background:	Synonyms: LC20, MLC2, MRLC1, MYRL2, MLC-2C, Myosin regulatory light polypeptide 9, 20 kDa
	myosin light chain, Myosin RLC, Myosin regulatory light chain 2, smooth muscle isoform,
	Myosin regulatory light chain 9, Myosin regulatory light chain MRLC1, MYL9
	Background: Myosin regulatory subunit that plays an important role in regulation of both
	smooth muscle and nonmuscle cell contractile activity via its phosphorylation. Implicated in
	cytokinesis, receptor capping, and cell locomotion.
Gene ID:	10398
UniProt:	P24844
Application Details	
Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be
	handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

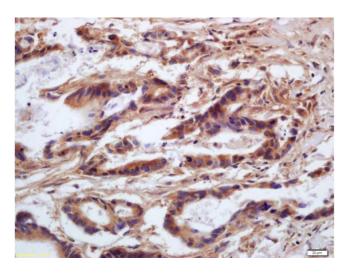
Product cited in:

Li, Sun, Yang, Hu, Jiang: "Tanshinone II a protects against lipopolysaccharides-induced endothelial cell injury via Rho/Rho kinase pathway." in: **Chinese journal of integrative medicine**, Vol. 20, Issue 3, pp. 216-23, (2014) (PubMed).

Hoj, Davis, Fullmer, Morrell, Saguibo, Schuler, Tuttle, Hansen: "Cellular contractility changes are sufficient to drive epithelial scattering." in: **Experimental cell research**, Vol. 326, Issue 2, pp. 187-200, (2014) (PubMed).

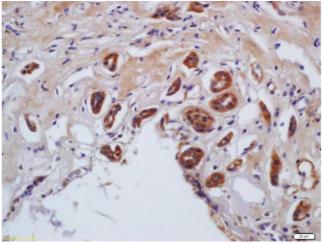
Ikemura, Yamamoto, Motomura, Yamaguchi, Zhao, Iwasaki, Iwamoto: "Preventive effects of the anti-vasospasm agent via the regulation of the Rho-kinase pathway on the development of steroid-induced osteonecrosis in rabbits." in: **Bone**, Vol. 53, Issue 2, pp. 329-35, (2013) (PubMed).

Images



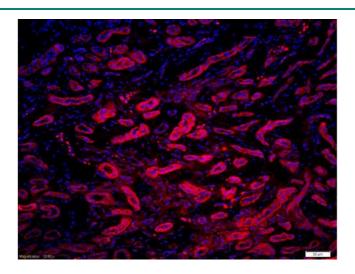
Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human gastric carcinoma labeled with Anti-phospho-MLC(Ser20) /Myosin light chain(Ser20) Polyclonal Antibody, Unconjugated (ABIN872283) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded human kidney labeled with Anti-phospho-MLC(Ser20) /Myosin light chain(Ser20) Polyclonal Antibody, Unconjugated (ABIN872283) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunofluorescence

Image 3. Formalin-fixed and paraffin-embedded human kidney labeled with Anti-phospho-MLC(Ser20) /Myosin light chain(Ser20) Polyclonal Antibody, Unconjugated (ABIN872283) 1:200, overnight at 4°C, The secondary antibody was Goat Anti-Rabbit IgG, Cy3 conjugated used at 1:200 dilution for 40 minutes at 37°C.