For Research Use Only

Phospho-MYL9 (Thr19/Ser20) Polyclonal antibody Catalog Number: 29504-1-AP (4 Publications

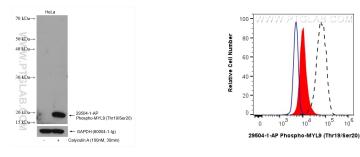
oroteintech Antibodies | ELISA kits | Proteins www.ptglab.com

Size: CenelD (NCBI): Recommended Dilutions: 1000.I. Concentration: 350 ug/mL yr 10398 WB 1:500-1:2000 Source: P24844 Rabbit: Full Name: Source: P24844 Rabbit: Full Name: Source: P24844 Rabbit: Full Name: Boype: myssin, light chain 9, regulatory IgG Calculated MW: 20 kDa Diserved MW: 19-20 kDa WB : Calyculin A treated HeLa cells, WB, IF Species Specificity: Numan Cited Species: Numan, cat Myssin regulatory light polypeptide 9 (M19), also known as MLC2, belongs to the myssin regulatory subunits. J Background Information Myssin regulatory light polypeptide 9 (M19), also known as MLC2, belongs to the myssin regulatory subunits. J Muman, cat Myssin regulatory light polypeptide 9 (M19), also known as MLC2, belongs to the myssin regulatory subunits. J Background Information Myssin regulatory light polypeptide 9 (M19), also known as MLC2, belongs to the myssin regulatory subunits. J Myssin regulatory light polypeptide 9 (M10). Journal (M19) (Intra3y202) Mt20 intra 1000000000000000000000000000000000000	Basic Information	Catalog Number: 29504-1-AP	GenBank Accession Number: BC002648	Purification Method: Antigen affinity purification
Nanodrop: UNIPROTID: Source: P24844 Babbit Full Name: Isotype: myosin Light chain 9, regulatory IgG Catculated MW: 20 kDa Observed MW: 19-20 kDa Observed MW: 19-20 kDa Observed MW: 19-20 kDa WB : Calyculin A treated HeLa cells, Cited Applications: WB : Calyculin A treated HeLa cells, WB, IF Species Specificity: human Cited Species: human, rat Postive Controlies in varia Background Information Myosin regulatory light polypeptide 9 (MYL9), also known as MLC2, belongs to the myosin regulatory subunits. Pays an Important role in regulation of both smooth muscle and nomuscle cell contractile activity via its poshophorylation at respression and phosphorylation at runs the species in varia PMID: 21242626, PMID:2246265). Some studies have demonstrated that MYD may play important role in regulatory labels have demonstrated with ymay be increased in human concort (PMID: 22144265). Some studies have demonstrated role in Muscle and nomiscle cell contractile activity via its phosphorylation at runs of human head in human concort (PMID: 22144263, PMID: 2246265). Some studies have demonstrated in human color (PMID: 22752057) and bladder cancers (PMID: 18648664), while decreased in human color (PMID: 22752057) and bladder cancers (PMID: 23642626). MID: 22042626, PMID: 2264265, Some studies have demonstrated relativity via its phosphorylation at at a smooth muscle cell layers (PMID: 2204203, PMID)		Size: 100ul , Concentration: 350 ug/ml by Nanodrop;		
Source: P24844 Robbit Full Name: Bobype: myosin Light chains, regulatory IgG Calculated MW: 20 kDa Observed MW: 19-20 kDa Applications: WB, FC (Inra), EUSA Cited Applications: WB: Calyouin A treated HeLa cells, Cited Applications: WB, FC (Inra), EUSA WB: Calyouin A treated HeLa cells, Cited Applications: WB, FC (Inra), EUSA WB: Calyouin A treated HeLa cells, Cited Species: human Cited Specificity: human, rat Myosin regulatory light polypeptide 9 (MYL9), also known as MLC2, belongs to the myosin regulatory subunits. I plays an important role in regulation of both smooth muscle and nomuscle cell contractile activity via its phosphorylation at Thrsy and SF20. Impicated in cytokinesis, receptor capping, and cell Locomotion (PMID: 1242626, PMID:225655). Some studies have demonstrated that MYU may play important roles in varia human cancers. The expression and phosphorylation of MYU9 (Thrsy/Ser20) may be increased in human breast (PMID: 22424583). and liver cancers (PMID: 12648666), while decreased in human color in round bladder cancers (PMID: 12458651). Some studies have demonstrated that MYU may play important roles in varia human cancers. The expression and blackdeckoi, while decreased in human color in the rat smooth muscle cell layers (PMID: 22752057) and bladder cancers (PMID: 12462626, PMID: 2275267) and bladder cancers (PMID: 12408262, Int J MOI Sci WB Notable Publications Author Pubmed ID Journal Application Storage Storage Storage WB WB <				WB 1:500-1:2000
Rabbit Full Name: Isotype: myosin (light chain 9, regulatory) IgG Calculated MW: 20 kDa Observed MW: 19-20 kDa Observed MW: 19-20 kDa WB: Calyculin A treated HeLa cells, Cited Applications: WB: Calyculin A treated HeLa cells, Background Information Myosin regulatory light polypeptide 9 (MVIs), also known as MLC2, belongs to the myosin regulatory subunits. Iplays an important role in regulation of both smooth muscle and nonmuscle cell contractile activity via its phosphorylation at Thr3 and Ser20. Implicated in cytokinesis: receptor capping, and cell cocomotion Background Information Myosin regulatory light polypeptide 9 (MVIs), also known as MLC2, belongs to the myosin regulatory subunits. Iplays an important role in regulation of both smooth muscle and nonmuscle cell contractile activity via its phosphorylation at Thr3 and Ser20. Implicated in cytokinesis: receptor capping, and cell cocomotion MUD11942264, MD12326455, ND most subter Shave demonstrated this MVIs (PMID: 22752057) and bladder cancers (PMID: 2134963, MID: 886464, WHID: 2864864, WHID: 22752057) and bladder cancers (PMID: 21349267, MID: 88648664, WHID: 22752057) and bladder cancers (PMID: 21349267, MID: 8864664, WHID: 22752057) and bladder cancers (PMID: 22752057) and bladder cancers (PMID: 21349267, MID: 8864664, WHID: 22752057) and bladder cancers (PMID: 22752057) and bladder cancers				
Isotype: myosin, light chain 9, regulatory IgG Calculated MW: 20 KDa Observed MW: 19 20 KDa Observed MW: 19 20 KDa WB: FC (Inra), EUSA Cited Applications: WB: FC (Inra), EUSA Cited Applications: WB: Calyculin A treated HeLa cells, Cited Applications: WB: FC (Inra), EUSA Cited Species: Numan, rat Background Information Myosin regulatory light polypeptide 9 (MVI9), also known as MLC2, belongs to the myosin regulatory subunists. plays an important role in regulation of both smooth muscle and nonmuscle cell contractile activity via its phosphorylation at Thr19 and Ser20. Implicated in cytokinesis, receptor capping, and cell locomotion (PMID:13042265, MICH012:130803). MVI9 was the demonstruct that MVI9 may play important roles in variat human cancers. The expression and phosphorylation of MVI9 (Thr:3/>>2752057) and beliader cancers (PMID: 13646664, while excressed in human breast (PMID:22244583) and liver cancers (PMID: 13646664, while excressed in human breast (PMID:22244583) and iver cancers (PMID: 13646646, while excressed in human breast (PMID:22244583) and iver cancers (PMID: 136466464, while excressed in human breast (PMID:22244583) and iver cancers (PMID: 136466464, while excressed in human breast (PMID:22244583) and iver cancers (PMID: 136466464, while excressed in human breast (PMID:22244583) and iver cancers (PMID: 136466464, while excressed in human breast (PMID:22244583) and iver cancers (PMID: 136466464, while excressed in human breast (PMID:22244583) and iver cancers (PMID: 136464644, while excressed in human colon (PMID: 1475364, PMID) Notable Publication				
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JP-20 kDa Applications Tested Applications: WB, FC (Intra), EUSA Cited Applications: WB, IF Positive Controls: WB : Calyculin A treated HeLa cells, Cited Specificity: human Background Information Myosin regulatory light polypeptide 9 (MYs), also known as MLC2, belongs to the myosin regulatory subunits. In plays an important role in regulation of both smooth muscle and nonmuscle cell contractile activity via its phasphorylation at Thr19 and Ser20. Implicated in qrokinesis, receptor capping, and cell locomotion (PMID:1394/266, PMID:232665). Some studies have demonstrated that MYU9 may play important roles in varit human cancers (PMID: 21364/8664), while decreased in human breast (PMID: 2214/83) and liver cancers (PMID: 2864/8664), while decreased in human breast (PMID: 2214/83) and liver cancers (PMID: 2864/8664), while decreased in human breast (PMID: 2214/83) and liver cancers (PMID: 21364/8664), while decreased in human breast (PMID: 2214/83) and liver cancers (PMID: 21364/8664), while decreased in human breast (PMID: 2214/83) and liver cancers (PMID: 21364/8664), while decreased in human breast (PMID: 2214/83) and liver cancers (PMID: 21364/8664), while decreased in human breast (PMID: 2214/83) and liver cancers (PMID: 2203/410). Notable Publications Author Pubmed ID Journal Application WB Storage: Storage: Storage cancers for -20°C storage Not able of the line of the cancers of the cancers in the cancer cancers in the cancers in the cancer cancer in the		IgG		
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For technical support and original validation data for this product please contact: T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free E: proteintech@ptglab.com in USA), or 1(312) 455-8498 (outside USA) W: ptglab.com

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Selected Validation Data



Non-treated and Calyculin A treated HeLa cells were subjected to SDS PAGE followed by western blot with 29504-1-AP (Phospho-MYL9 (Thr19/Ser20) antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with GAPDH antibody as loading control.

1X10^6 HeLa cells untreated (dashed lines) or treated with λ phosphatase were intracellularly stained with 0.13 ug Phospho-MYL9 (Thr19/Ser20) Polyclonal antibody (29504-1-AP) and CoraLite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.13 ug Rabbit IgG control Polyclonal antibody (30000-0-AP). Cells were fixed with 4% PFA and permeabilized with 90% MeOH.

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