For Research Use Only

GAPDH Monoclonal antibody

Catalog Number:60004-1-lg Featured Product 13319 Publications

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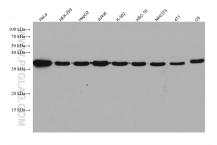
Basic Information	Catalog Number: 60004-1-lg	GenBank Accession Number: BC004109		Purification Method: Protein A purification		
	Size:	GenelD (NCBI):		CloneNo.:		
	150ul , Concentration: 1000 ug/ml by			1E6D9		
	Nanodrop;	UNIPROT ID: P04406 Full Name: glyceraldehyde-3-phosphate dehydrogenase Calculated MW: 36 kDa		Recommended Dilutions: WB: 1:50000-1:500000 IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IF/ICC: 1:400-1:1600 FC (Intra): 0.40 ug per 10^6 cells in a 100 μl suspension		
	Source:					
	Mouse					
	Isotype: IgG2b					
	Immunogen Catalog Number: AG0766					
		Observed MW: 36 kDa				
Applications	Tested Applications:		Positive Co	Positive Controls:		
	WB, IF/ICC, FC (Intra), IP, ELISA			WB : HeLa cells, HepG2 cells, ROS1728 cells, pig bra		
	Cited Applications: WB, IHC, IF, IP, CoIP, ELISA, FC/FACS,	, SW - Size		tissue, zebrafish tissue, whole yeast, whole Nemato tissue, soybean whole plant tissue, arabidopsis who plant tissue, HEK-293 cells, Jurkat cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells, 4T1 cells, C6 cells, PC-1 cells, C2C12 cells, SP2/0 cells, rat brain tissue, mou		
	Species Specificity:		plant tissu			
	human, mouse, rat, pig, zebrafish, yea	ast, plant				
	Cited Species: human, rat, chicken, goat, yeast, deer, whiteflies, tick, treeshrew, cynomorium songaricum		brain tissue			
			IP : HeLa Cells,			
			IF/ICC : He	IF/ICC : HeLa cells,		
	Churanaldahuda 7 abaankata dahudu		FC (Intra) :			
Background Information	transportation, DNA replication, DNA in most tissues and cells, GAPDH is co also loading control in electrophores membrane, but can occasionally tran such as S-nitrosylation. This antibody kDa GAPDH protein in most cells/tiss spliced product of GAPDH (PMID: 238	participates in nucl repair and apoptos onsidered a housek is and Western blot slocate to the nucle / is raised against f uses. In addition, a l 85286, 23877755, 1 NDH expression in	atalyzes the pho lear events inclu is. Being stably a eeping protein. I ting. GAPDH is n eus after the add ull length GAPDI Jand below 36 k 19368702). Pleas certain cell type	sphorylation of glyceraldehyde-3- ding transcription, binding RNA, RNA and constitutively expressed at high leve t is widely used as a control for RT-PCR ar ormally expressed in cellular cytoplasm ition of post-translational modifications 4 of human origin. It can recognize the 36 Da can always be detected as the isoform e note that some physiological factors, su ss. For murine tissue samples, conjugated		
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Background Information	Author Pub Yuying Wang 361 Xin Shen 361	participates in nucl repair and apoptos onsidered a housek is and Western blot slocate to the nucle / is raised against f uses. In addition, a l 85286, 23877755, 1 PDH expression in it antibody 10494-: med ID Jo 83783 CC 84549 In	atalyzes the pho lear events inclu is. Being stably a eeping protein. I ting. GAPDH is n eus after the add ull length GAPDI band below 36 k 19368702). Pleas certain cell type 1-AP are preferal burnal hem Biol Interaco th Heart J	esphorylation of glyceraldehyde-3- ding transcription, binding RNA, RNA and constitutively expressed at high leve t is widely used as a control for RT-PCR ar ormally expressed in cellular cytoplasm ition of post-translational modifications 4 of human origin. It can recognize the 36 Da can always be detected as the isoform e note that some physiological factors, su ts. For murine tissue samples, conjugated ole. Application t WB WB		
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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 in USA), or 1(312) 455-8498 (outside USA)

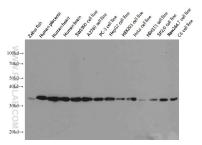
E: proteintech@ptglab.com W: ptglab.com

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

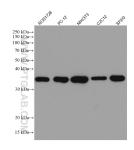
Selected Validation Data



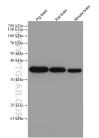
Various lysates were subjected to SDS PAGE followed by western blot with 60004-1-Ig (GAPDH antibody) at dilution of 1:200000 incubated at room temperature for 1.5 hours.



Western blot analysis of GAPDH in various tissues and cell lines using Proteintech antibody 60004-1-Ig at a dilution of 1:10000.



Various lysates were subjected to SDS PAGE followed by western blot with 60004-1-1g (GAPDH antibody) at dilution of 1:50000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 60004-1-Ig (GAPDH antibody) at dilution of 1:50000 incubated at room temperature for 1.5 hours.

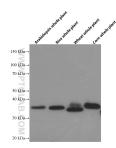
IP & WB of 60004-1-Ig with HeLa Cell

IP result of anti-GAPDH (60004-1-Ig for IP and

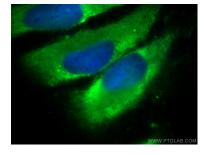
Detection) with HeLa cell lysate.



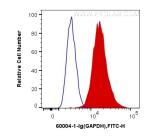
Immunoprecipitation: 60004-1-Ig Detection: 60004-1-Ig Protein A-HRP IP-GAPDH: IP of Hela cell lysate(3000ug) incubated with 60004-1-Ig (4ug) ⁴⁴ MW of Target band: 36kd



arabidopsis, rice, wheat, corn whole plant tissue were subjected to SDS PAGE followed by western blot with 60004-1-1g (GAPDH Antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using GAPDH antibody (60004-1-Ig, Clone: 1E6D9) at dilution of 1:800 and Multi-rAb CoraLite ® Plus 488-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (RGAM002).



1X10^6 HeLa cells were intracellularly stained with 0.4 ug Anti-Human GAPDH (60004-1-lg, Clone:1E6D9) and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Mouse IgG2b Isotype Control (66360-3-lg, Clone: K11B8C4B5) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).