

For Research Use Only

GUK1 Monoclonal antibody

Catalog Number: 67047-1-Ig **Featured Product**



Basic Information

Catalog Number: 67047-1-Ig	GenBank Accession Number: BC009914	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 2987	CloneNo.: 2H5E1
Source: Mouse	UNIPROT ID: Q16774	Recommended Dilutions: WB 1:1000-1:5000 IHC 1:400-1:1600 IF-P 1:200-1:800
Isotype: IgG1	Full Name: guanylate kinase 1	
Immunogen Catalog Number: AG28805	Calculated MW: 22 kDa	
	Observed MW: 22-27 kDa	

Applications

Tested Applications:

WB, IHC, IF-P, ELISA

Species Specificity:

Human, Mouse, Rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : Jurkat cells, HEK-293 cells, fetal human brain tissue, rat brain tissue, mouse brain tissue, HeLa cells

IHC : human thyroid cancer tissue, human prostate cancer tissue

IF-P : human thyroid cancer tissue,

Storage

Storage:

Store at -20°C.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

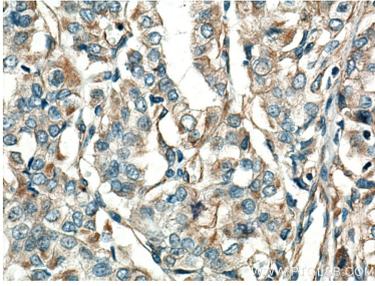
For technical support and original validation data for this product please contact:

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

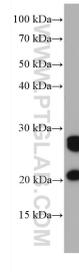
E: proteintech@ptglab.com
W: ptglab.com

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

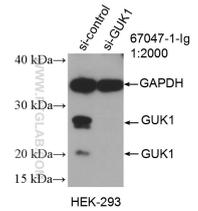
Selected Validation Data



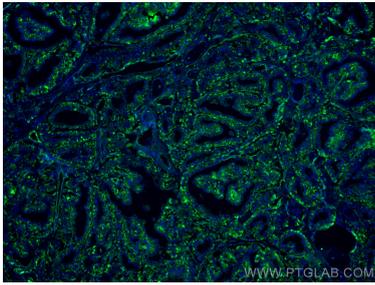
Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using 67047-1-Ig (GUK1 antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



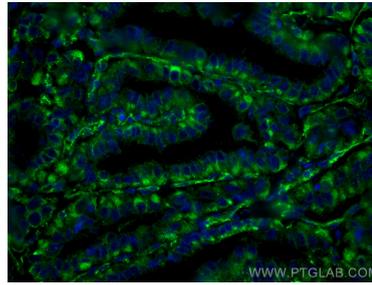
Jurkat cells were subjected to SDS PAGE followed by western blot with 67047-1-Ig (GUK1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



WB result of GUK1 antibody (67047-1-Ig; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-GUK1 transfected HEK-293 cells.



Immunofluorescent analysis of (4% PFA) fixed human thyroid cancer tissue using GUK1 antibody (67047-1-Ig, Clone: 2H5E1) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human thyroid cancer tissue using GUK1 antibody (67047-1-Ig, Clone: 2H5E1) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L).