

For Research Use Only

TPRKB Monoclonal antibody

Catalog Number: 66402-1-Ig



Basic Information

Catalog Number: 66402-1-Ig	GenBank Accession Number: BC029492	Purification Method: Protein A purification
Size: 1300 ug/ml	GeneID (NCBI): 51002	CloneNo.: 2D5B9
Source: Mouse	UNIPROT ID: Q9Y3C4	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:200-1:800 IF/ICC 1:400-1:1600
Isotype: IgG1	Full Name: TP53RK binding protein	
Immunogen Catalog Number: AG18770	Calculated MW: 175 aa, 20 kDa Observed MW: 18-20 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : HeLa cells, HEK-293 cells, COLO 320 cells, Caco-2 cells, Jurkat cells, Raji cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human skin cancer tissue,
	IF/ICC : Jurkat cells,

Background Information

TPRKB, also named as CGI 121, belongs to the CGI121/TPRKB family. It interacts with TP53RK/PRPK and is widely expressed in all tissues.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

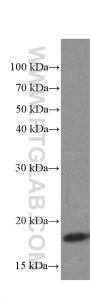
T: 4006900926

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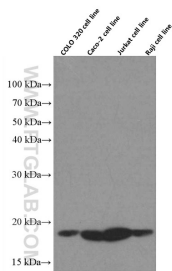
W: ptgcn.com

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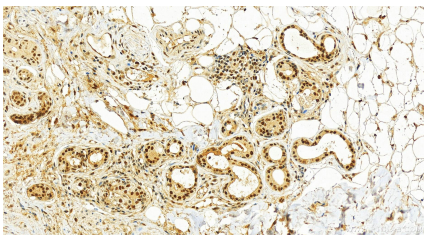
Selected Validation Data



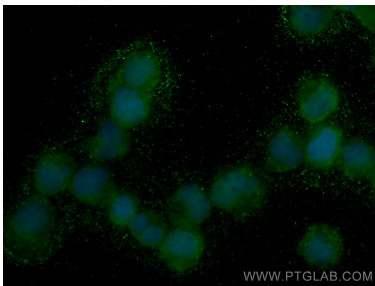
Western blot analysis of TPRKB in various cell lines using Proteintech antibody 66402-1-Ig at a dilution of 1:2000 incubated at room temperature for 1.5 hours.



Various cells were subjected to SDS PAGE followed by western blot with 66402-1-Ig (TPRKB Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human skin cancer tissue slide using 66402-1-Ig (TPRKB antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using TPRKB antibody (66402-1-Ig, Clone: 2D5B9) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).