

For Research Use Only

PTK6/BRK Recombinant antibody

Catalog Number: 85352-2-RR



Basic Information

Catalog Number: 85352-2-RR	GenBank Accession Number: BC035843	Purification Method: Protein A purification
Size: 1000 ug/ml	GeneID (NCBI): 5753	CloneNo.: 242647F4
Source: Rabbit	UNIPROT ID: Q13882	Recommended Dilutions: WB 1:5000-1:50000 IF/ICC 1:200-1:800
Isotype: IgG	Full Name: PTK6 protein tyrosine kinase 6	
	Calculated MW: 52 kDa	
	Observed MW: 52 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : A549 cells, IF/ICC : A549 cells,

Background Information

BRK, also named as PTK6 and FLJ42088, is a cytoplasmic nonreceptor protein kinase which may function as an intracellular signal transducer in epithelial tissues. PTK6 can phosphorylate KHDRBS1, KHDRBS2, KHDRBS3 and STAP2/BKS. Overexpression of PTK6 in mammary epithelial cells leads to sensitization of the cells to epidermal growth factor and results in a partially transformed phenotype. Expression of PTK6 has been detected at low levels in some breast tumors but not in normal breast tissue. Its presence in the nucleus appears to be linked to suppression of tumor progression. This antibody is specific to PTK6.

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:

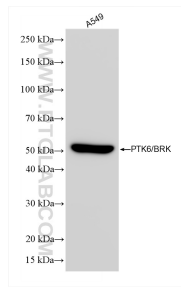
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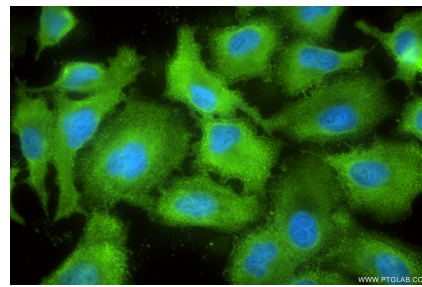
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85352-2-RR (PTK6/BRK antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed A549 cells using PTK6 antibody (85352-2-RR, Clone: 242647F4) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).