

ADRBK1 Monoclonal antibody

 Catalog Number: **67067-1-Ig** **1 Publications**

Basic Information

Catalog Number: 67067-1-Ig	GenBank Accession Number: BC037963	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 156	CloneNo.: 2F7A5
Source: Mouse	UNIPROT ID: P25098	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:200-1:800 IF/ICC 1:200-1:800
Isotype: IgG2a	Full Name: adrenergic, beta, receptor kinase 1	
Immunogen Catalog Number: AG5071	Calculated MW: 689 aa, 80 kDa	
	Observed MW: 80 kDa	

Applications

Tested Applications: WB, IF/ICC, IHC, ELISA, FC (Intra)	Positive Controls:
Cited Applications: WB, IF, CoIP	WB : THP-1 cells, U-937 cells, HL-60 cells, K-562 cells, Jurkat cells
Species Specificity: Human	IHC : human lymphoma tissue, human tonsillitis tissue
Cited Species: human, mouse	IF/ICC : Jurkat cells,

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

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Mengya Jiang	36223242	Phytother Res	WB,IF,CoIP

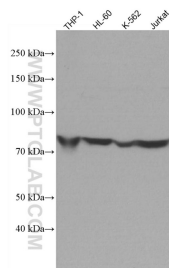
Storage

Storage:
Store at -20°C. Stable for one year after shipment.

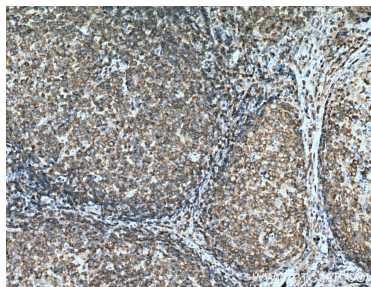
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

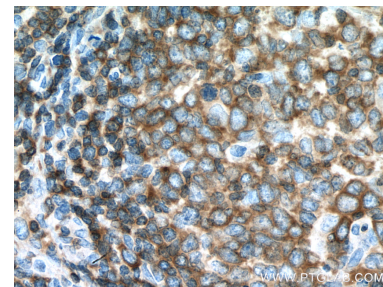
Selected Validation Data



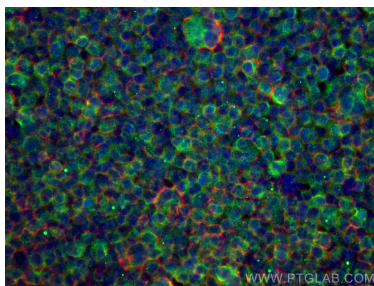
Various lysates were subjected to SDS PAGE followed by western blot with 67067-1-Ig (ADRBK1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



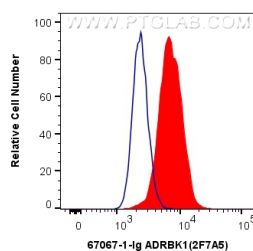
Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 67067-1-Ig (ADRBK1 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 67067-1-Ig (ADRBK1 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using ADRBK1 antibody (67067-1-Ig, Clone: 2F7A5) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug Anti-Human ADRBK1 (67067-1-Ig, Clone:2F7A5) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Mouse IgG2a Isotype Control (C1.18.4) (65208-1-Ig, Clone: C1.18.4) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).