

For Research Use Only

# DDX60 Recombinant antibody, PBS Only

Catalog Number: 82969-1-PBS



## Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
82969-1-PBS	BC038115	Protein A purification
Size:	GeneID (NCBI):	CloneNo.:
1mg/ml	55601	230293C10
Source:	UNIPROT ID:	
Rabbit	Q8IY21	
Isotype:	Full Name:	
IgG	DEAD (Asp-Glu-Ala-Asp) box	
Immunogen Catalog Number:	polypeptide 60	
AG34406	Calculated MW:	
	1712 aa, 198 kDa	
	Observed MW:	
	170-200 kDa	

## Applications

Tested Applications:  
WB, IHC, IF/ICC, FC (Intra), Indirect ELISA

Species Specificity:  
human

## Background Information

DDX60, also called FLJ20035, is an IFN-inducible gene that has been identified via a microarray analysis of genes induced by viral infection in human dendritic cells (DCs). DDX60 expression correlated strongly with immune checkpoint and immune system-related metagene clusters, and DDX60 promoted cell proliferation, migration, and invasion and was related to poor prognosis and immune resistance (PMID: 37274827). Involved in RIG-I-dependent and independent innate immune responses, DDX60 has been proven to be associated with the development of tumors.

## Storage

Storage:  
Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:  
PBS Only

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

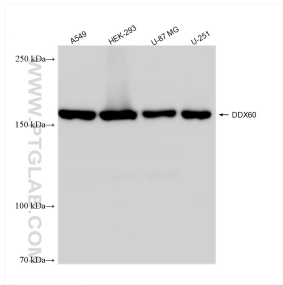
T: 4006900926

E: Proteintech-CN@ptglab.com

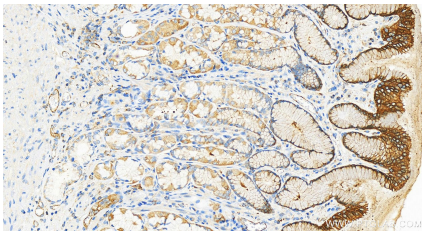
W: ptgcn.com

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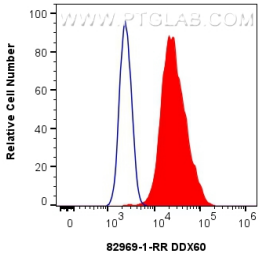
Selected Validation Data



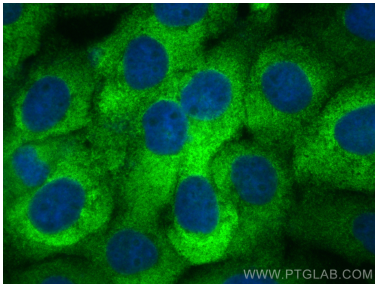
Various lysates were subjected to SDS PAGE followed by western blot with 82969-1-RR (DDX60 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82969-1-PBS in a different storage buffer formulation.



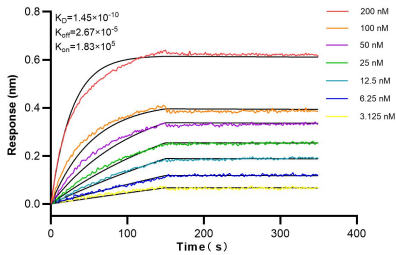
Immunohistochemical analysis of paraffin-embedded human normal stomach slide using 82969-1-RR (DDX60 antibody) at dilution of 1:2000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 82969-1-PBS in a different storage buffer formulation.



1x10<sup>6</sup> A431 cells were intracellularly stained with 0.2 ug DDX60 Recombinant antibody (82969-1-RR, Clone:230293C10) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.2 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 82969-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using DDX60 antibody (82969-1-RR, Clone: 230293C10 ) at dilution of 1:200 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002). This data was developed using the same antibody clone with 82969-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 82969-1-RR against Human DDX60 were performed. The affinity constant is 0.145 nM.