

For Research Use Only

# HELLS Recombinant monoclonal antibody

Catalog Number:87169-1-RR



## Basic Information

<b>Catalog Number:</b> 87169-1-RR	<b>GenBank Accession Number:</b> BC031004	<b>Purification Method:</b> Protein A purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 3070	<b>CloneNo.:</b> 252319G11
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> Q9NRZ9	<b>Recommended Dilutions:</b> WB: 1:2000-1:10000
<b>Immunogen Catalog Number:</b> AG2558	<b>Full Name:</b> helicase, lymphoid-specific	
	<b>Calculated MW:</b> 348 aa, 40 kDa, 97 kDa	
	<b>Observed MW:</b> 97 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HEK-293 cells, Jurkat cells, K-562 cells, PC-3 cells, NIH/3T3 cells, mouse thymus tissue, rat thymus tissue
<b>Species Specificity:</b> human, mouse, rat	

## Background Information

Lymphoid-specific helicase(HELLS) is a member of the SNF2 family of chromatin remodeling proteins that is required for development and survival. It's required for de novo or maintenance DNA methylation, which mediated the silencing of the imprinted CDKN1C gene. Also it involved in formation and organization of heterochromatin that regulate transcription and mitosis.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

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

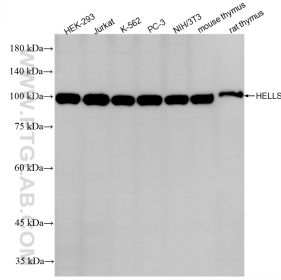
T: 4006900926

E: Proteintech-CN@ptglab.com

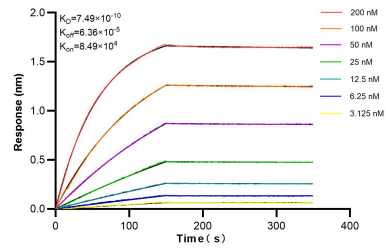
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87169-1-RR (HELLS antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 87169-1-RR against Human HELL5 were performed. The affinity constant is 0.749 nM.