

For Research Use Only

# HSPC159 Recombinant antibody

Catalog Number: 83983-5-RR



## Basic Information

<b>Catalog Number:</b> 83983-5-RR	<b>GenBank Accession Number:</b> BC062691	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 750 µg/ml	<b>GeneID (NCBI):</b> 29094	<b>CloneNo.:</b> 241113G5
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q3ZCW2	<b>Recommended Dilutions:</b> WB 1:500-1:3000
<b>Isotype:</b> IgG	<b>Full Name:</b> galectin-related protein	
<b>Immunogen Catalog Number:</b> AG10109	<b>Calculated MW:</b> 172 aa, 19 kDa	
	<b>Observed MW:</b> 19 kDa	

## Applications

**Tested Applications:**  
WB, ELISA

**Species Specificity:**  
human, mouse, rat

**Positive Controls:**

WB : MCF-7 cells, mouse brain tissue, rat brain tissue, pig brain tissue

## Background Information

HSPC159 is a novel human galectin - related protein (also known as GRP) that is mapped to human chromosome 2p13. The HSPC159 gene was originally deduced by partial sequence alignment and confirmed by a full - length sequence for an mRNA isolated from CD34+ hematopoietic stem cells.

## 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:

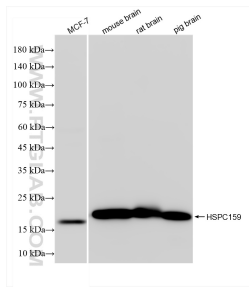
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

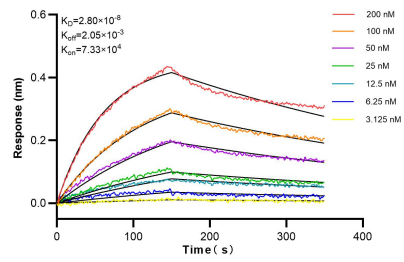
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83983-5-RR (HSPC159 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 83983-5-RR against Human HSPC159 were performed. The affinity constant is 28 nM.