

For Research Use Only

# HAL Recombinant monoclonal antibody, PBS Only

Catalog Number: 86771-3-PBS



## Basic Information

<b>Catalog Number:</b> 86771-3-PBS	<b>GenBank Accession Number:</b> BC096097	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 3034	<b>CloneNo.:</b> 251746F1
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P42357	
<b>Isotype:</b> IgG	<b>Full Name:</b> histidine ammonia-lyase	
<b>Immunogen Catalog Number:</b> AG22985	<b>Calculated MW:</b> 657 aa, 73 kDa	
	<b>Observed MW:</b> 73 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

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

## Background Information

HAL, also named as Histidase and HIS, catalyzes the nonoxidative elimination of the  $\alpha$ -amino group of histidine. It is closely related to the important plant enzyme phenylalanine ammonia-lyase. HAL has some isoforms with MW 73 kDa, 65 kDa and 49 kDa.

## Storage

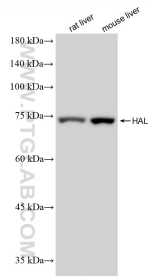
**Storage:**  
Store at  $-80^{\circ}\text{C}$ .

**Storage Buffer:**  
PBS only, pH7.3

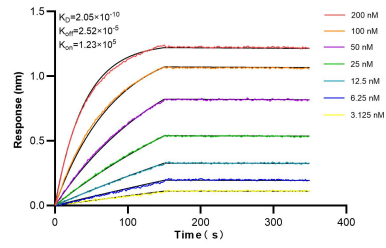
For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86771-3-RR (HAL antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86771-3-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 86771-3-RR against Human HAL were performed. The affinity constant is 0.205 nM.