

For Research Use Only

# MIRO1 Recombinant antibody

Catalog Number: 84055-5-RR



## Basic Information

<b>Catalog Number:</b> 84055-5-RR	<b>GenBank Accession Number:</b> BC060781	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 55288	<b>CloneNo.:</b> 241157D1
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8IXI2	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IHC 1:50-1:500
<b>Isotype:</b> IgG	<b>Full Name:</b> ras homolog gene family, member T1	
<b>Immunogen Catalog Number:</b> AG15605	<b>Calculated MW:</b> 618 aa, 71 kDa	
	<b>Observed MW:</b> 75 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse, rat	<b>WB :</b> HeLa cells, HEK-293 cells, HL-60 cells, mouse testis tissue, mouse heart tissue, mouse brain tissue, rat brain tissue
<b>Note-IHC:</b> <i>suggested antigen retrieval with <b>TE buffer pH 9.0</b>; (*) Alternatively, antigen retrieval may be performed with <b>citrate buffer pH 6.0</b></i>	<b>IHC :</b> mouse kidney tissue,

## Storage

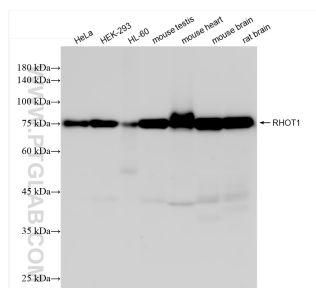
<b>Storage:</b> Store at -20°C. Stable for one year after shipment.
<b>Storage Buffer:</b> PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
<b>Aliquoting is unnecessary for -20°C storage</b>

\*\*\* 20ul sizes contain 0.1%BSA

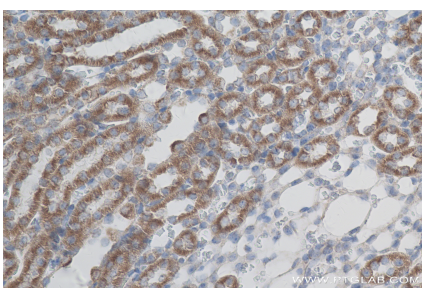
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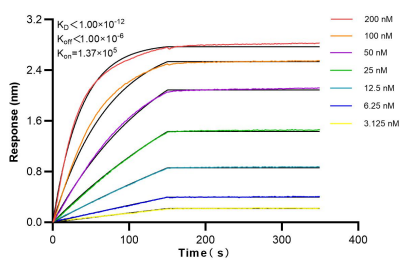
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84055-5-RR (RHOT1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 84055-5-RR (RHOT1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Biolayer interferometry (BLI) kinetic assays of 83945-5-RR against Human RHOT1 were performed. The affinity constant is below 1 pM.