

For Research Use Only

# UNC13D Monoclonal antibody

Catalog Number: 67193-1-Ig



## Basic Information

<b>Catalog Number:</b> 67193-1-Ig	<b>GenBank Accession Number:</b> BC067084	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1700 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 201294	<b>CloneNo.:</b> 1C5C1
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q70J99	<b>Recommended Dilutions:</b> WB 1:5000-1:10000 IHC 1:500-1:2000
<b>Isotype:</b> IgG1	<b>Full Name:</b> unc-13 homolog D (C. elegans)	
<b>Immunogen Catalog Number:</b> AG10497	<b>Calculated MW:</b> 1090 aa, 103 kDa	
	<b>Observed MW:</b> 120 kDa	

## Applications

### Tested Applications:

WB, IHC, ELISA

### Species Specificity:

Human, mouse, rat, pig

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

**WB :** THP-1 cells, RAW 264.7 cells, pig spleen tissue, rat spleen tissue, K-562 cells, Jurkat cells, HL-60 cells

**IHC :** rat spleen tissue,

## 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

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

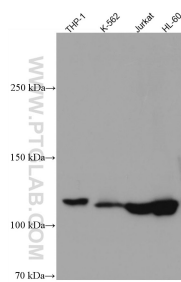
For technical support and original validation data for this product please contact:

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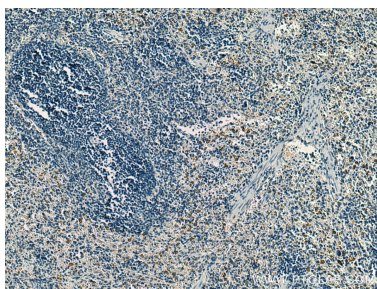
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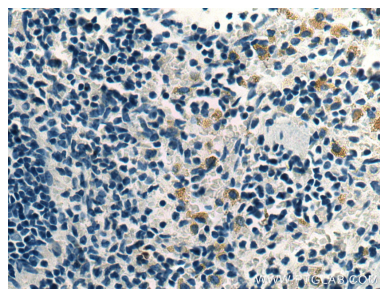
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67193-1-Ig (UNC13D antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded rat spleen tissue slide using 67193-1-Ig (UNC13D antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat spleen tissue slide using 67193-1-Ig (UNC13D antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).