

For Research Use Only

# ELAVL2 Monoclonal antibody, PBS Only (Capture)

Catalog Number: 67097-1-PBS



## Basic Information

<b>Catalog Number:</b> 67097-1-PBS	<b>GenBank Accession Number:</b> BC030692	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 1993	<b>CloneNo.:</b> 2D8C10
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q12926	
<b>Isotype:</b> IgG1	<b>Full Name:</b> ELAV (embryonic lethal, abnormal vision, Drosophila)-like 2 (Hu antigen B)	
<b>Immunogen Catalog Number:</b> AG28310	<b>Calculated MW:</b> 39 kDa	
	<b>Observed MW:</b> 35-40 kDa	

## Applications

**Tested Applications:**  
WB, Cytometric bead array, Indirect ELISA

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

## Background Information

The ELAV (embryonic lethal abnormal visual system) gene of D. Melanogaste is the the first identified member of a family of neuronal RNA binding proteins that is conserved in metazoans. The proteins in this family contain three RNA Recognition Motifs (RRM), with a hinge region separating the second and third RRM and an optional non-conserved N-terminal region. The hinge includes signals essential for nuclear export and subcellular localization [PMID:9874760]. Elav is expressed specifically in the neurons and is required for the correct development and maintenance of the nervous system. ELAVL2 can binds RNA, and recognize a GAAA motif. In addition, it can bind to its own 3'-UTR, the FOS 3'-UTR and the ID 3'-UTR[PMID:18715504,21695151].

## Storage

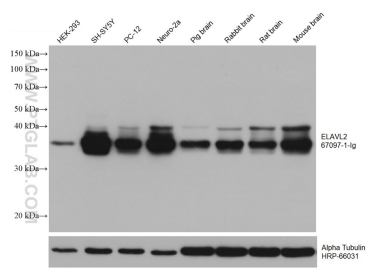
**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS Only

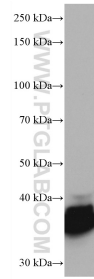
For technical support and original validation data for this product please contact:  
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

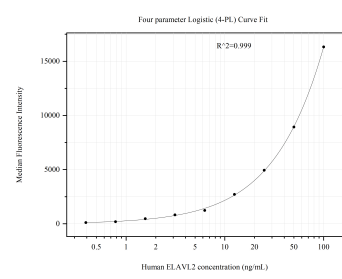
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67097-1-Ig (ELAVL2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control. This data was developed using the same antibody clone with 67097-1-PBS in a different storage buffer formulation.



Neuro-2a cells were subjected to SDS PAGE followed by western blot with 67097-1-Ig (ELAVL2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67097-1-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP50972-1, ELAVL2 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 67097-1-PBS. Detection antibody: 67097-2-PBS. Standard: Ag28310. Range: 0.391-100 ng/mL