

For Research Use Only

# YY2 Monoclonal antibody, PBS Only

Catalog Number: 66839-1-PBS



## Basic Information

<b>Catalog Number:</b> 66839-1-PBS	<b>GenBank Accession Number:</b> BC137217	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 404281	<b>CloneNo.:</b> 1C11A7
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> O15391	
<b>Isotype:</b> IgG1	<b>Full Name:</b> YY2 transcription factor	
<b>Immunogen Catalog Number:</b> AG25373	<b>Calculated MW:</b> 372 aa, 46 kDa	
	<b>Observed MW:</b> 46 kDa	

## Applications

**Tested Applications:**  
WB, ELISA

**Species Specificity:**  
Human

## Background Information

YY2 (Yin-Yang 2) encodes a zinc finger transcription factor similar to the well-characterized YY1 that locating to nucleus. Both proteins recognize an identical DNA-binding motifs with a high homologous Zinc Finger region, and these transcription factors can act as activators or repressors when bound to DNA (PMID:26350623). It is reported that YY2 is placental mammal-specific and is absent in marsupial and non-mammalian vertebrate species (PMID:16377127). YYs are play an important role in multiple developmental processes, such as implantation, cell differentiation, X inactivation, imprinting and organogenesis (PMID:27191592). YY2 is expressed in kidney, liver, spleen and testicle but not in the colon (PMID:15087442). A 41kDa band could be detected.

## 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:

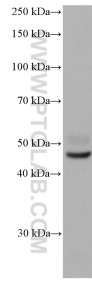
T: 4006900926

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



human kidney tissue were subjected to SDS PAGE followed by western blot with 66839-1-Ig (YY2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66839-1-PBS in a different storage buffer formulation.