

For Research Use Only

# Mouse CXCL7/PPBP Recombinant monoclonal antibody, PBS Only

Catalog Number:86907-3-PBS



## Basic Information

<b>Catalog Number:</b> 86907-3-PBS	<b>GenBank Accession Number:</b> NM_023785.3	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 57349	<b>CloneNo.:</b> 251068A3
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9EQI5	
<b>Isotype:</b> IgG	<b>Full Name:</b> pro-platelet basic protein	
<b>Immunogen Catalog Number:</b> EG2806	<b>Calculated MW:</b> 12 kDa	
	<b>Observed MW:</b> 12 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
mouse

## Background Information

PPBP, also named as CXCL7, NAP2, or  $\beta$ -Thromboglobulin, is a platelet-derived growth factor that belongs to the CXC chemokine family. This growth factor is a potent chemoattractant and activator of neutrophils. It has been shown to stimulate various cellular processes including DNA synthesis, mitosis, glycolysis, intracellular cAMP accumulation, prostaglandin E2 secretion, and synthesis of hyaluronic acid and sulfated glycosaminoglycan. It also stimulates the formation and secretion of plasminogen activator by synovial cells.

## Storage

**Storage:**  
Store at -80°C.

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

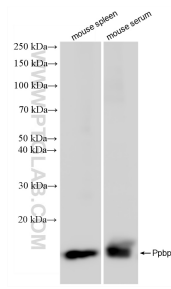
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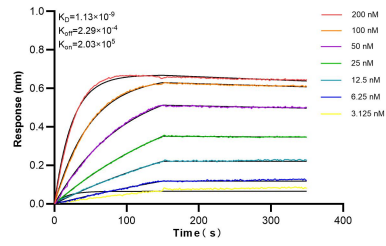
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86907-3-RR (Ppbp antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86907-3-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 86907-3-RR against Mouse CXCL7/PPBP were performed. The affinity constant is 1.13 nM.