

For Research Use Only

# ZYX Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 86364-5-PBS



## Basic Information

<b>Catalog Number:</b> 86364-5-PBS	<b>GenBank Accession Number:</b> BC008743	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 7791	<b>CloneNo.:</b> 250924H4
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q15942	
<b>Isotype:</b> IgG	<b>Full Name:</b> zyxin	
<b>Immunogen Catalog Number:</b> AG0419	<b>Calculated MW:</b> 80 kDa	

## Applications

**Tested Applications:**  
Sandwich ELISA, Indirect ELISA, Sample test

**Species Specificity:**  
human

## Product Information

86364-5-PBS targets ZYX as part of a matched antibody pair:

MP02506-1: 86364-5-PBS capture and 86364-4-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

## Storage

**Storage:**  
Store at -80°C.  
**Storage Buffer:**  
PBS only, pH7.3

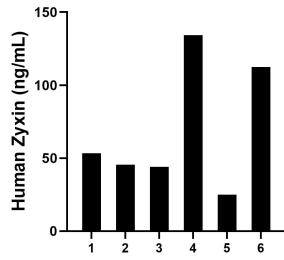
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
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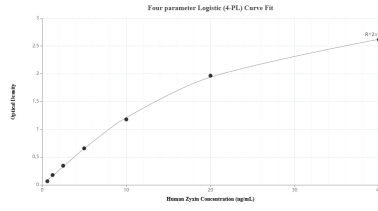
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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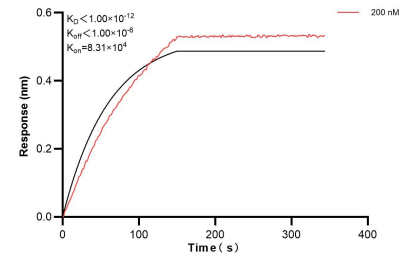
## Selected Validation Data



Plasma of six individual healthy human donors was measured. The human Zyxin concentration of detected samples was determined to be 69.10 ng/mL with a range of 25.02 - 134.21 ng/mL.



Sandwich ELISA standard curve of MP02506-1, Human Zyxin Recombinant Matched Antibody Pair - PBS only. 86364-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag0419. 86364-4-PBS was HRP conjugated as the detection antibody. Range: 0.625-40 ng/mL



Bi-layer interferometry (BLI) kinetic assay of 86364-5-PBS against Human ZYX was performed. The affinity constant is below 1 pM.