

For Research Use Only

# CTNNBIP1 Recombinant antibody, PBS Only (Capture)

Catalog Number:82914-4-PBS



## Basic Information

<b>Catalog Number:</b> 82914-4-PBS	<b>GenBank Accession Number:</b> BC014300	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1mg/ml	<b>GeneID (NCBI):</b> 56998	<b>CloneNo.:</b> 230164G4
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9NSA3	
<b>Isotype:</b> IgG	<b>Full Name:</b> catenin, beta interacting protein 1	
<b>Immunogen Catalog Number:</b> AG13160	<b>Calculated MW:</b> 21 kDa	

## Applications

**Tested Applications:**  
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

**Species Specificity:**  
human

## Background Information

### Storage

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

**Storage Buffer:**  
100% PBS pH 7.3

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

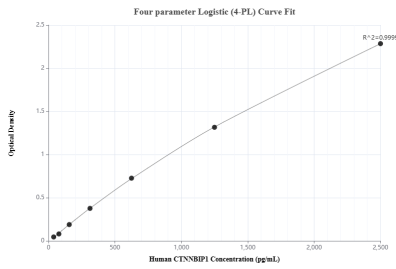
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

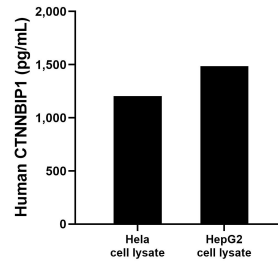
W: [ptgcn.com](http://ptgcn.com)

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

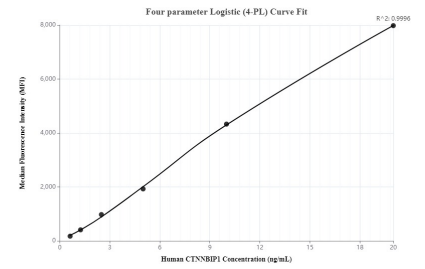
## Selected Validation Data



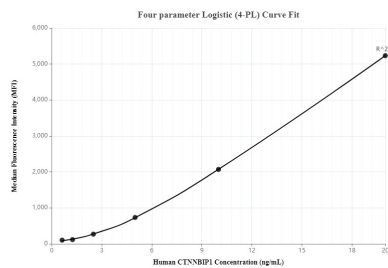
Sandwich ELISA standard curve of MP00102-1, Human CTNNBIP1 Recombinant Matched Antibody Pair - PBS only. 82914-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag13160. 82914-2-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL



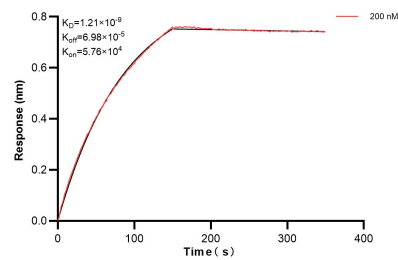
HeLa and HepG2 cell lysates were measured. The human CTNNBIP1 concentration of detected samples was determined to be 1,205.0 pg/mL (based on a 1.50 mg/mL extract load) in HeLa cell lysate and 1486.5 pg/mL (based on a 1.20 mg/mL extract load) in HepG2 cell lysate.



Cytometric bead array standard curve of MP00102-1, CTNNBIP1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 82914-4-PBS. Detection antibody: 82914-2-PBS. Standard: Ag13160. Range: 0.313-20 ng/mL



Cytometric bead array standard curve of MP00102-2, CTNNBIP1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 82914-4-PBS. Detection antibody: 82914-3-PBS. Standard: Ag13160. Range: 0.313-20 ng/mL



Biolayer interferometry (BLI) kinetic assay of 82914-4-PBS against Human CTNNBIP1 was performed. The affinity constant is 1.21 nM.