For Research Use Only

# Calbindin Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number:88615-3-PBS

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Antibodies | ELISA kits | Proteins
www.ptglab.com

## Basic Information

Catalog Number:
88615-3-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG5861

GenBank Accession Number:
BC006478

GeneID (NCBI):
793

UNIPROT ID:
P05937

Full Name:
calbindin 1, 28kDa

Calculated MW:
30 kDa

Purification Method:
Protein A purification

CloneNo.:
261340B5

## Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

## Product Information

88615-3-PBS targets Calbindin as part of a matched antibody pair:

MP03605-2: 88615-4-PBS capture and 88615-3-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.

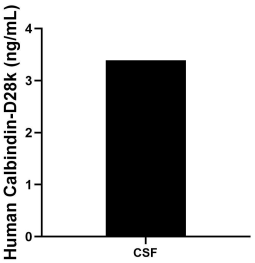
## Storage

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

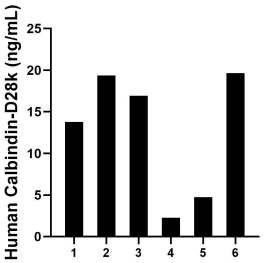
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

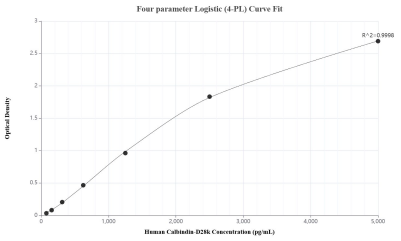
## Selected Validation Data




Human cerebrospinal fluid (CSF) samples were evaluated for the presence of human Calbindin-D28k in this assay, and measured 3.4 ng/mL.




Urine of six individual healthy human donors was measured. The Calbindin-D28k concentration of detected samples was determined to be 12.8 ng/mL with a range of 2.3-19.7 ng/mL.




Sandwich ELISA standard curve of MP03605-2, Human Calbindin-D28k Recombinant Matched Antibody Pair - PBS only. 88615-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag5861. 88615-3-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL.