For Research Use Only

Calretinin Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number:82811-14-PBS

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
82811-14-PBS

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

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG2924

GenBank Accession Number:
BC015484

GeneID (NCBI):
794

UNIPROT ID:
P22676

Full Name:
calbindin 2

Calculated MW:
29 kDa

Purification Method:
Protein A purification

CloneNo.:
262078F8

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

82811-14-PBS targets Calretinin as part of a matched antibody pair:

MP03813-2: 82811-14-PBS capture and 82811-12-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.

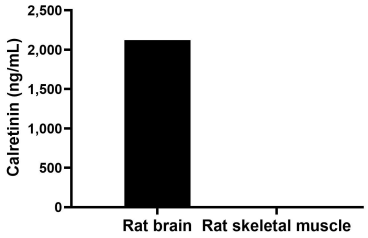
Storage

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

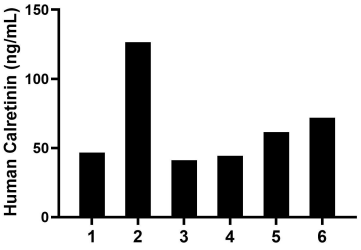
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

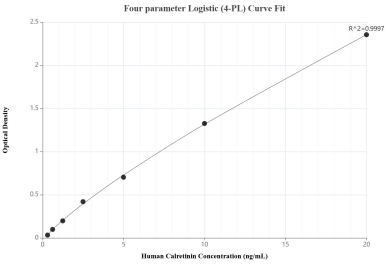
Selected Validation Data



The mean Calretinin concentration was determined to be 2,123.00 ng/mL in rat brain extract based on a 3.90 mg/mL extract load and 4.20 ng/mL in rat skeletal muscle extract based on a 4.70 mg/mL extract load.



Human milk of six individual healthy human donors was measured. The Calretinin concentration of detected samples was determined to be 65.33 ng/mL with a range of 41.27-126.45 ng/mL.



Sandwich ELISA standard curve of MP03813-2, Human Calretinin Recombinant Matched Antibody Pair - PBS only. 82811-14-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag2924. 82811-12-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL.