

For Research Use Only

# CALCA/CGRP Monoclonal antibody, PBS Only (Capture)

Catalog Number: 68774-1-PBS



## Basic Information

<b>Catalog Number:</b> 68774-1-PBS	<b>GenBank Accession Number:</b> BC093753	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ug, Concentration: 1mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 796	<b>CloneNo.:</b> 1A12A1
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P06881	
<b>Isotype:</b> IgG1	<b>Full Name:</b> calcitonin-related polypeptide alpha	
<b>Immunogen Catalog Number:</b> AG26141	<b>Calculated MW:</b> 141 aa, 15 kDa	

## Applications

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

**Species Specificity:**  
human

## Product Information

68774-1-PBS targets CALCA/CGRP as part of a matched antibody pair:

MP50293-1: 68774-1-PBS capture and 68774-2-PBS detection (validated in Cytometric bead array)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

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

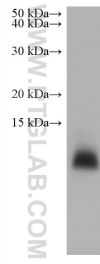
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

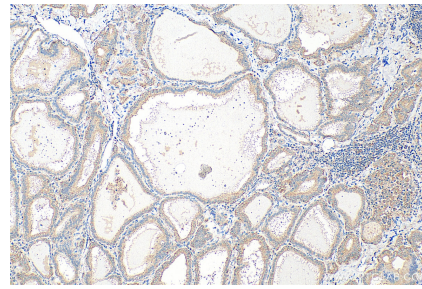
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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

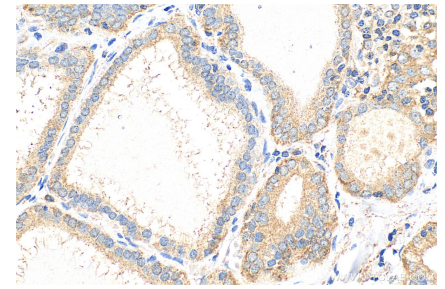
## Selected Validation Data



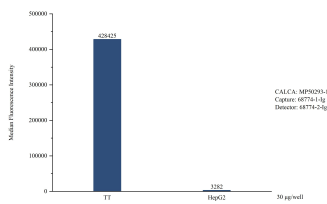
TT cells were subjected to SDS PAGE followed by western blot with 68774-1-Ig (CALCA/CGRP antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68774-1-PBS in a different storage buffer formulation.



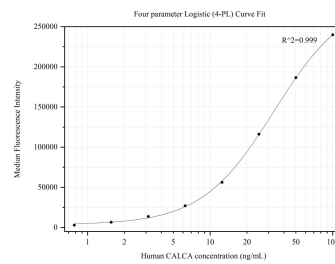
Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using 68774-1-Ig (CALCA/CGRP antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 68774-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using 68774-1-Ig (CALCA/CGRP antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 68774-1-PBS in a different storage buffer formulation.



Cytometric bead array in cell lysate using MP50293-1, CALCA Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68774-1-PBS. Detection antibody: 68774-2-PBS. Cell lysate: TT, HepG2.



Cytometric bead array standard curve of MP50293-1, CALCA Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68774-1-PBS. Detection antibody: 68774-2-PBS. Standard: Ag26141. Range: 0.781-100 ng/mL.