

For Research Use Only

# SMARCAL1 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 88170-3-PBS



## Basic Information

**Catalog Number:**

88170-3-PBS

**Size:**

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

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG3194

**GenBank Accession Number:**

BC016482

**GeneID (NCBI):**

50485

**UNIPROT ID:**

Q9NZC9

**Full Name:**

SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a-like 1

**Calculated MW:**

954 aa, 106 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

260195H7

## Applications

**Tested Applications:**

Sandwich ELISA, Indirect ELISA

**Species Specificity:**

human

## Product Information

88170-3-PBS targets SMARCAL1 as part of a matched antibody pair:

MP03482-1: 88170-3-PBS capture and 88170-2-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

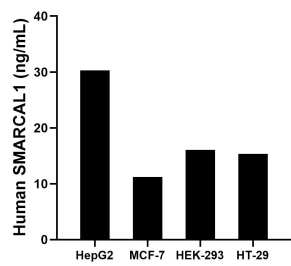
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

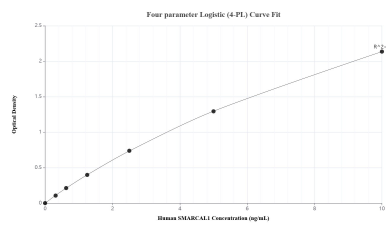
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

## Selected Validation Data



The mean SMARCAL1 concentration was determined to be 30.29 ng/mL in HepG2 cell extract based on a 1.20 mg/mL extract load, 11.21 ng/mL in MCF-7 cell extract based on a 1.50 mg/mL extract load, 16.06 ng/mL in HEK-293 cell extract based on a 1.50 mg/mL extract load and 15.34 ng/mL in HT-29 cell extract based on a 1.20 mg/mL extract load.



Sandwich ELISA standard curve of MP03482-1, Human SMARCAL1 Recombinant Matched Antibody Pair - PBS only. 88170-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag3194. 88170-2-PBS was HRP conjugated as the detection antibody. Range: 0.313-10 ng/mL.