For Research Use Only

RAB8A Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number:86540-7-PBS

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Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
86540-7-PBS

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

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG30567

GenBank Accession Number:
NM_005370

GeneID (NCBI):
4218

UNIPROT ID:
P61006

Full Name:
RAB8A, member RAS oncogene family

Calculated MW:
24 kDa

Purification Method:
Protein A purification

CloneNo.:
251429C5

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

86540-7-PBS targets RAB8A as part of a matched antibody pair:

MP02488-2: 86540-7-PBS capture and 86540-6-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.

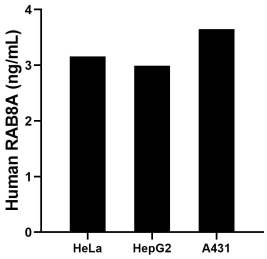
Storage

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

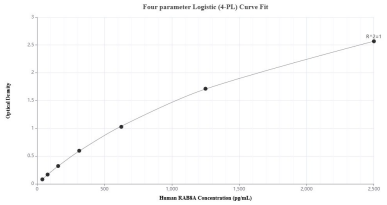
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

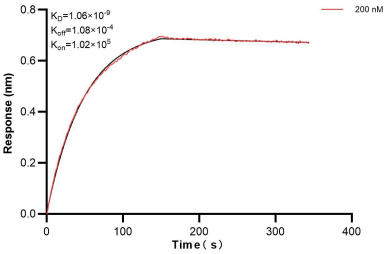
Selected Validation Data



The mean RAB8A concentration was determined to be 3.16 ng/mL in HeLa cell extract based on a 1.2 mg/mL extract load, 2.99 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load and 3.65 ng/mL in A431 cell extract based on a 1.2 mg/mL extract load.



Sandwich ELISA standard curve of MP02488-2, Human RAB8A Recombinant Matched Antibody Pair - PBS only. 86540-7-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag30567. 86540-6-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL



Biolayer interferometry (BLI) kinetic assay of 86540-7-PBS against Human RAB8A was performed. The affinity constant is 1.08 nM.