For Research Use Only

tubulin-gamma Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number:87860-4-PBS

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
87860-4-PBS

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

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG7070

GenBank Accession Number:
BC000619

GeneID (NCBI):
7283

UNIPROT ID:
P23258

Full Name:
tubulin, gamma 1

Calculated MW:
51 kDa

Purification Method:
Protein A purification

CloneNo.:
253500C7

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

87860-4-PBS targets tubulin-gamma as part of a matched antibody pair:

MP03327-1: 87860-4-PBS capture and 87860-3-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.

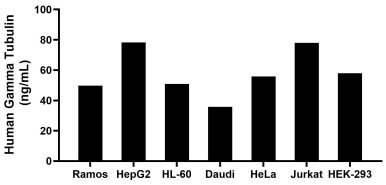
Storage

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

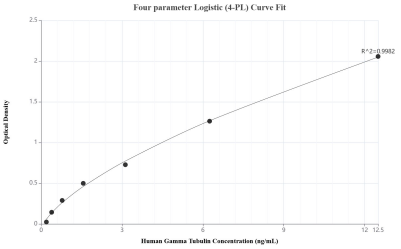
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



The mean Gamma Tubulin concentration was determined to be 49.70 ng/mL in Ramos cell extract based on a 1.20 mg/mL extract load, 78.29 ng/mL in HepG2 cell extract based on a 1.20 mg/mL extract load, 50.94 ng/mL in HL-60 cell extract based on a 1.50 mg/mL extract load, 35.84 ng/mL in Daudi cell extract based on a 1.20 mg/mL extract load, 55.86 ng/mL in HeLa cell extract based on a 1.20 mg/mL extract load, 77.92 ng/mL in Jurkat cell extract based on a 1.20 mg/mL



Sandwich ELISA standard curve of MP03327-1, Human Gamma Tubulin Recombinant Matched Antibody Pair - PBS only. 87860-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag7070. 87860-3-PBS was HRP conjugated as the detection antibody. Range: 0.195-12.5 ng/mL.