

Vimentin Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP03748-1**

Capture Antibody Information

Catalog Number:
80232-6-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
261230E1
Reactivity:
human
Immunogen Catalog Number:
Ag0489

Conjugate:
Unconjugated
Full name:
vimentin
Gene ID:
7431

Detection Antibody Information

Catalog Number:
80232-8-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
261230D8
Reactivity:
human
GenBank:
BC000163
Immunogen Catalog Number:
Ag0489

Conjugate:
Unconjugated
Full name:
vimentin
Gene ID:
7431

Applications

Tested Applications:
Sandwich ELISA

Range:
0.156-10 ng/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP03748-1 targets Vimentin in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Vimentin Recombinant monoclonal antibody, PBS Only (Capture) 80232-6-PBS (261230E1). 100 µg. Concentration 1 mg/mL.

Detection antibody: Vimentin Recombinant monoclonal antibody, PBS Only (Detector) 80232-8-PBS (261230D8). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

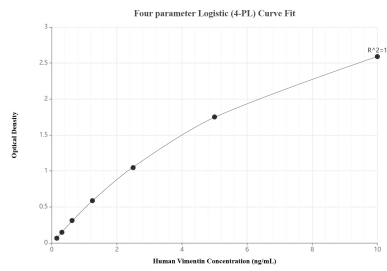
For technical support and original validation data for this product please contact:

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

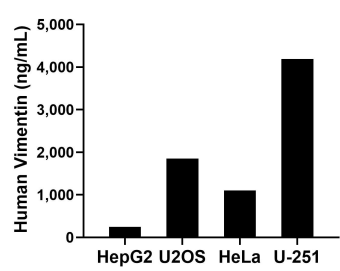
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Sandwich ELISA standard curve of MP03748-1, Human Vimentin Recombinant Matched Antibody Pair - PBS only. 80232-6-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag0489. 80232-8-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



The mean Vimentin concentration was determined to be 250.38 ng/mL in HepG2 cell extract based on a 1.20 mg/mL extract load, 1,849.39 ng/mL in U2OS cell extract based on a 1.20 mg/mL extract load, 1,100.42 ng/mL in HeLa cell extract based on a 1.20 mg/mL extract load and 4,187.14 ng/mL in U-251 cell extract based on a 1.20 mg/mL extract load.