

For Research Use Only

Vimentin Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 80232-6-PBS



Basic Information

Catalog Number: 80232-6-PBS	GenBank Accession Number: BC000163	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 7431	CloneNo.: 261230E1
Source: Rabbit	ENSEMBL Gene ID: ENSG00000026025	
Isotype: IgG	UNIPROT ID: P08670	
Immunogen Catalog Number: AG0489	Full Name: vimentin	
	Calculated MW: 466 aa, 54 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

80232-6-PBS targets Vimentin as part of a matched antibody pair:

MP03748-1: 80232-6-PBS capture and 80232-8-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.

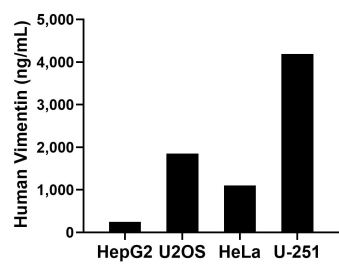
Storage

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

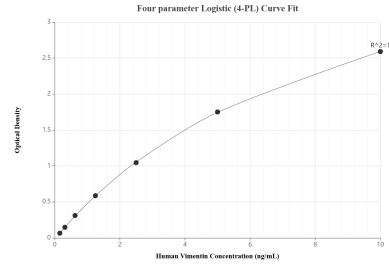
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



The mean 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.



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.