

For Research Use Only

DDX4/VASA Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02892-2**



Capture Antibody Information

Catalog Number:	87172-4-PBS	Clone ID:	252369D5	Conjugate:
Host:	Rabbit	Reactivity:	human	Unconjugated
Isotype:	IgG	Immunogen Catalog Number:	Ag0447	Full name:
Purification Method:	Protein A purification			DEAD (Asp-Glu-Ala-Asp) box polypeptide 4
				Gene ID:
				54514

Detection Antibody Information

Catalog Number:	87172-1-PBS	Clone ID:	252369D3	Conjugate:
Host:	Rabbit	Reactivity:	human	Unconjugated
Isotype:	IgG	GenBank:	BC047455	Full name:
Purification Method:	Protein A purification	Immunogen Catalog Number:	Ag0447	DEAD (Asp-Glu-Ala-Asp) box polypeptide 4
				Gene ID:
				54514

Applications

Tested Applications:	Sandwich ELISA	Range:	156-5000 pg/mL (Sandwich ELISA)	Recommended Dilutions:
				It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP02892-2 targets DDX4/VASA in immunoassays as a matched antibody pair. Validated in Sandwich ELISA. Capture antibody: DDX4, VASA Recombinant monoclonal antibody, PBS Only (Capture) 87172-4-PBS (252369D5). 100 µg. Concentration 1 mg/ml. Detection antibody: DDX4, VASA Recombinant monoclonal antibody, PBS Only (Detector) 87172-1-PBS (252369D3). 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.

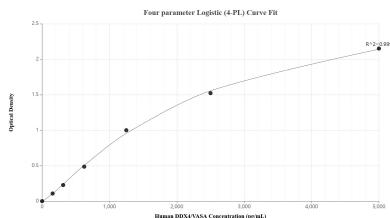
Storage

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

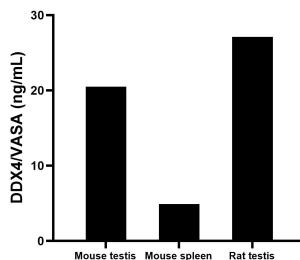
For technical support and original validation data for this product please contact:
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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 MP02892-2,
Human DDX4/VASA Recombinant Matched
Antibody Pair - PBS only. 87172-4-PBS was coated
to a plate as the capture antibody and incubated
with serial dilutions of standard Ag0447. 87172-1-
PBS was HRP conjugated as the detection antibody.
Range: 156-5000 pg/mL



The mean DDX4/VASA concentration was determined to be 20.5 ng/mL in mouse testis tissue extract based on a 4.3 mg/ml extract load, 4.9 ng/mL in mouse spleen tissue extract based on a 6.4 mg/mL extract load and 27.1 ng/mL in rat testis tissue extract based on a 4.3 mg/mL extract load.