

DDX4/VASA Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02892-1**

Capture Antibody Information

Catalog Number: 87172-2-PBS	Clone ID: 252369A5	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: DEAD (Asp-Glu-Ala-Asp) box polypeptide 4
Isotype: IgG	GenBank: BC047455	Gene ID: 54514
Purification Method: Protein A purification	Immunogen Catalog Number: Ag0447	

Detection Antibody Information

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

Applications

Tested Applications: Cytometric bead array	Range: 0.312-40 ng/mL (Cytometric Bead Array)	Recommended Dilutions: It is recommended that this reagent should be titrated in each testing system to obtain optimal results.
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Product Information

MP02892-1 targets DDX4/VASA in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: DDX4,VASA Recombinant monoclonal antibody, PBS Only (Capture) 87172-2-PBS (252369A5). 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.

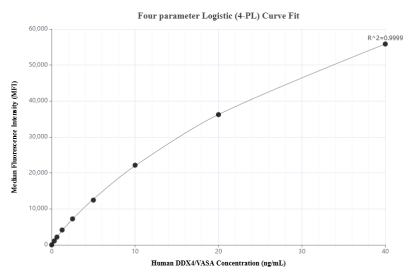
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage buffer:
PBS only

Selected Validation Data



Cytometric bead array standard curve of MP02892-1, DDX4/VASA Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87172-2-PBS. Detection antibody: 87172-1-PBS. Standard: Ag0447. Range: 0.312-40 ng/mL



The mean DDX4/VASA concentration was determined to be 54.5 ng/mL in mouse testis tissue extract based on a 4.2 mg/mL extract load, 0.7 ng/mL in rat testis tissue extract based on a 1.5 mg/mL extract load, 0.3 ng/mL in mouse spleen tissue extract based on a 6.4 mg/mL extract load.