

For Research Use Only

DDX4, VASA Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 87172-2-PBS



Basic Information

Catalog Number:	87172-2-PBS	GenBank Accession Number:	BC047455
Source:	Rabbit	GenID (NCBI):	54514
Isotype:	IgG	UNIPROT ID:	Q9NQ10
Immunogen Catalog Number:	AG0447	Full Name:	DEAD (Asp-Glu-Ala-Asp) box polypeptide 4
		Calculated MW:	690aa, 76 kDa; 724aa, 79 kDa

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Background Information

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, pH7.3

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

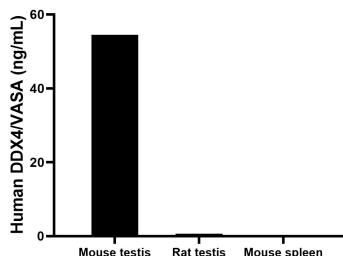
T: 4006900926

E: Proteintech-CN@ptglab.com

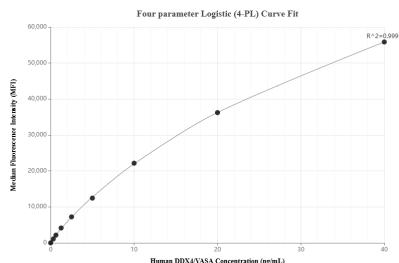
W: ptgcn.com

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

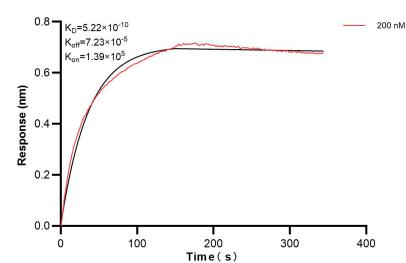
Selected Validation Data



The mean 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.



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.



Biolayer interferometry (BLI) kinetic assay of 87172-2-PBS against Human DDX4,VASA was performed. The affinity constant is 0.522 nM.