

# Product Datasheet

## PRKCDBP Antibody (8D3) - Azide and BSA Free H00112464-M04

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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### Publications: 2

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**H00112464-M04**

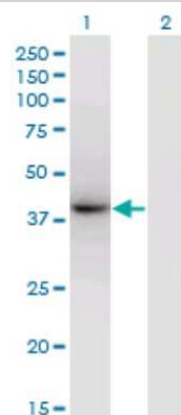
PRKCDBP Antibody (8D3) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	8D3
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Host	Mouse
Gene ID	112464
Gene Symbol	CAVIN3
Species	Human
Specificity/Sensitivity	This product is specific for Human PRKCDBP monoclonal antibody (M04), clone 8D3 [Gene ID: 112464].
Immunogen	PRKCDBP (NP_659477, 161 a.a. ~ 261 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. EVGESSDEEPVESRAQRLRRTGLQKVQSLRRALSGRKGPAAPPPTPVKPPRL GPGRSAEAQPEAQPALEPTLEPEPPQDTEEDPGRPGAAEEALLQMESVA
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA
Recommended Dilutions	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA
Application Notes	Mouse monoclonal antibody raised against a partial recombinant PRKCDBP. Use in ICC/IF was reported in scientific literature (PMID: 31332168).

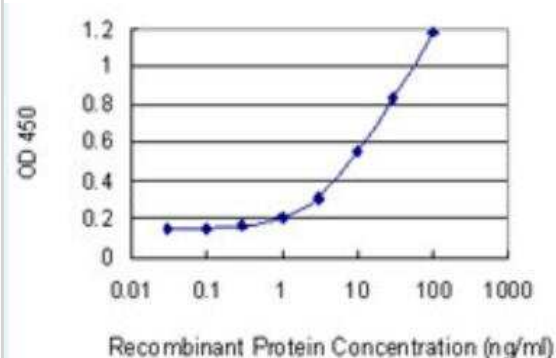


## Images

Western Blot: PRKCDBP Antibody (8D3) [H00112464-M04] - Analysis of PRKCDBP expression in transfected 293T cell line by PRKCDBP monoclonal antibody (M04), clone 8D3. Lane 1: PRKCDBP transfected lysate (Predicted MW: 27.6 KDa). Lane 2: Non-transfected lysate.



Sandwich ELISA: PRKCDBP Antibody (8D3) [H00112464-M04] - Detection limit for recombinant GST tagged PRKCDBP is 0.3 ng/ml as a capture antibody.



## Publications

McMahon KA, Stroud DA, Gambin Y et al. Cavin3 released from caveolae interacts with BRCA1 to regulate the cellular stress response eLife 2021-06-18 [PMID: 34142659]

McMahon KA, Wu Y, Gambin Y et al. Identification of intracellular cavin target proteins reveals cavin-PP1alpha interactions regulate apoptosis Nat Commun 2019-07-22 [PMID: 31332168] (ICC/IF, Human)



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### **Products Related to H00112464-M04**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00112464-P01-10ug	Recombinant Human PRKCDBP GST (N-Term) Protein

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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