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Datasheet for ABIN562340

anti-PPIA antibody (AA 1-165)

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Overview

Quantity:	100 µg
Target:	PPIA
Binding Specificity:	AA 1-165
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PPIA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a full length recombinant PPIA.
Immunogen:	PPIA (AAH00689.1, 1 a.a. ~ 165 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MVNPTVFFDI AVDGEPLGRV SFELFADKVP KTAENFRALS TGEKGFYK SCFHRIIPGF MCQGGDFTRH NGTGGKSIYG EKFEDEFIL KHTGPGILSM ANAGPNTNGS QFFICTAKTE WLDGKHVVFG KVKEGMNIVE AMERFGSRNG KTSKKITIAD CGQLE
Clone:	1F4-1B5
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	PPIA
Alternative Name:	PPIA (PPIA Products)
Background:	Full Gene Name: peptidylprolyl isomerase A (cyclophilin A) Synonyms: CYPA,CYPH,MGC117158,MGC12404,MGC23397
Gene ID:	5478

Application Details

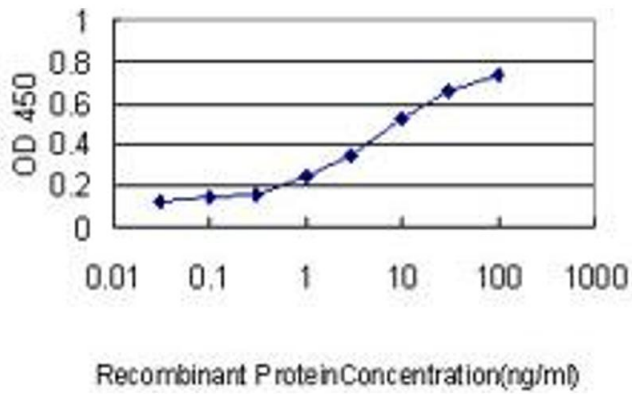
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

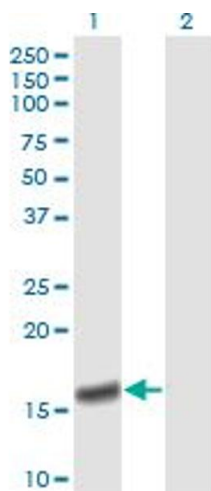
Publications

Product cited in:	Satkunanathan, Wheeler, Thorpe, Zhao: "Establishment of a novel cell line for the enhanced production of recombinant adeno-associated virus vectors for gene therapy." in: Human gene therapy , Vol. 25, Issue 11, pp. 929-41, (2014) (PubMed).
	Deng, Lei, Zhang, Zhang, Zheng, Zhang, Pan, Wang, Tian, Shen, Zhao, Lundberg, Liu, Papasian, Deng: "Peripheral blood monocyte-expressed ANXA2 gene is involved in pathogenesis of osteoporosis in humans." in: Molecular & cellular proteomics : MCP , Vol. 10, Issue 11, pp. M111.011700, (2011) (PubMed).
	Rho, Roehrl, Wang: "Tissue proteomics reveals differential and compartment-specific expression of the homologs transgelin and transgelin-2 in lung adenocarcinoma and its stroma." in: Journal of proteome research , Vol. 8, Issue 12, pp. 5610-8, (2009) (PubMed).



ELISA

Image 1. Detection limit for recombinant GST tagged PPIA is approximately 0.03ng/ml as a capture antibody.

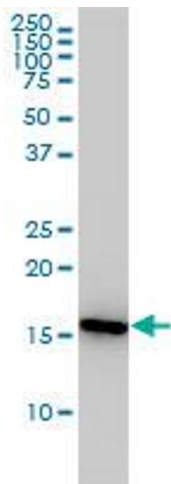


Western Blotting

Image 2. Western Blot analysis of PPIA expression in transfected 293T cell line by PPIA monoclonal antibody (M01), clone 1F4-1B5.

Lane 1: PPIA transfected lysate(18 KDa).

Lane 2: Non-transfected lysate.



Western Blotting

Image 3. PPIA monoclonal antibody (M01), clone 1F4-1B5 Western Blot analysis of PPIA expression in Jurkat .

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN562340.