

Datasheet for ABIN523100
anti-PDIA4 antibody (AA 355-464)

3 Images

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Overview

Quantity:	100 µg
Target:	PDIA4
Binding Specificity:	AA 355-464
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PDIA4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant PDIA4.
Immunogen:	PDIA4 (NP_004902, 355 a.a. ~ 464 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	LVVMQPEKFQ SKYEPRSHMM DVQGSTQDSA IKDFVLKYAL PLVGHRKVSND AKRYTRRPL VVVYYSVDFS FDYRAATQFW RSKVLEVAKD FPEYTFIAID EEDYAGEVKD
Clone:	2H3
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	PDIA4
Alternative Name:	PDIA4 (PDIA4 Products)
Background:	Full Gene Name: protein disulfide isomerase family A, member 4 Synonyms: ERP70,ERP72
Gene ID:	9601
NCBI Accession:	NM_004911
Pathways:	Thyroid Hormone Synthesis , Cell RedoxHomeostasis

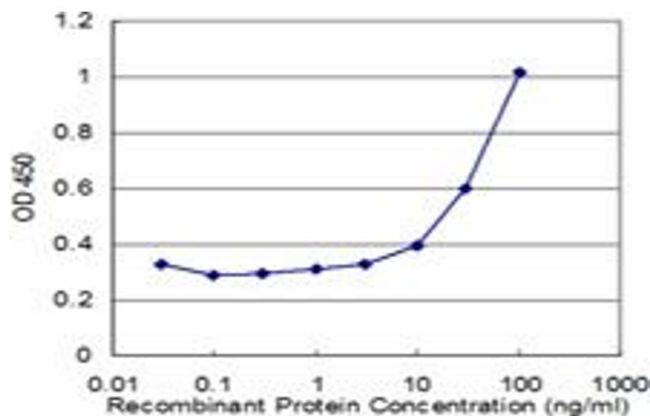
Application Details

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

Handling

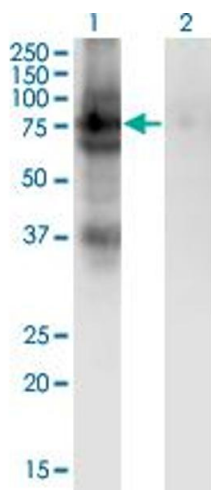
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



ELISA

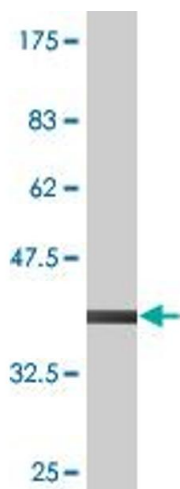
Image 1. Detection limit for recombinant GST tagged PDIA4 is approximately 3ng/ml as a capture antibody.



Western Blotting

Image 2. Western Blot analysis of PDIA4 expression in transfected 293T cell line by PDIA4 monoclonal antibody (M02), clone 2H3.

Lane 1: PDIA4 transfected lysate (Predicted MW: 72.9 KDa).
Lane 2: Non-transfected lysate.



Western Blotting

Image 3. Western Blot detection against Immunogen (37.84 KDa) .