

Datasheet for ABIN5542367  
**anti-PER3 antibody (AA 723-954)**[Go to Product page](#)

## 7 Images

## Overview

Quantity:	0.1 mg
Target:	PER3
Binding Specificity:	AA 723-954
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PER3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Flow Cytometry (FACS)

## Product Details

Immunogen:	Purified recombinant fragment of human PER3 (AA: 723-954) expressed in E. coli.
Clone:	4B9D7
Isotype:	IgG2b
Purification:	purified

## Target Details

Target:	PER3
Alternative Name:	PER3 ( <a href="#">PER3 Products</a> )
Background:	Description: This gene is a member of the Period family of genes and is expressed in a

## Target Details

circadian pattern in the suprachiasmatic nucleus, the primary circadian pacemaker in the mammalian brain. Genes in this family encode components of the circadian rhythms of locomotor activity, metabolism, and behavior. Circadian expression in the suprachiasmatic nucleus continues in constant darkness, and a shift in the light/dark cycle evokes a proportional shift of gene expression in the suprachiasmatic nucleus. The specific function of this gene is not yet known.

Aliases: GIG13

Molecular Weight:	132 kDa
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Gene ID:	8863
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HGNC:	8863
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## Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, ICC: 1:200 - 1:1000, FCM: 1:200 - 1:400
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
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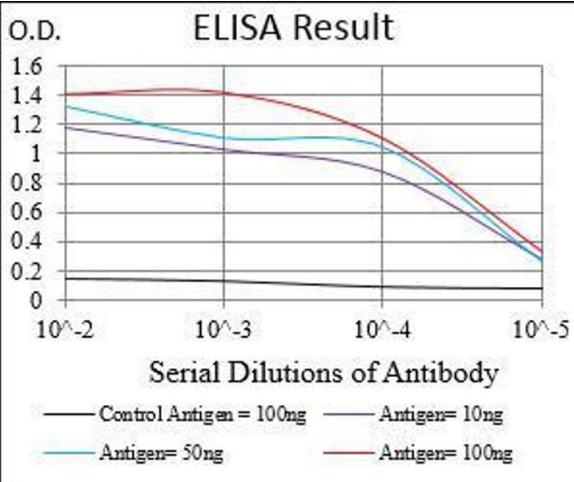
Buffer:	Purified antibody in PBS with 0.05 % sodium azide.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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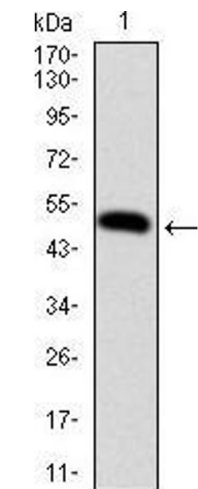
Storage:	4 °C/-20 °C
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Storage Comment:	4°C, -20°C for long term storage
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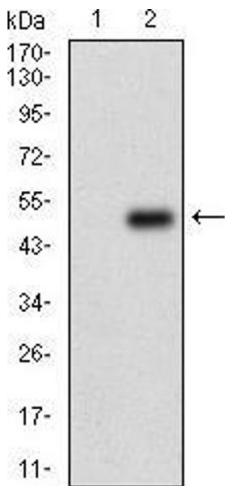
### ELISA

**Image 1.** Black line: Control Antigen (100 ng), Purple line: Antigen(10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng),



### Western Blotting

**Image 2.** Western blot analysis using PER3 mAb against human PER3 (AA: 723-954) recombinant protein. (Expected MW is 50.7 kDa)



### Western Blotting

**Image 3.** Western blot analysis using PER3 mAb against HEK293 (1) and PER3 (AA: 723-954)-hlgGfC transfected HEK293 (2) cell lysate.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN5542367.