

Datasheet for ABIN931041
anti-PER1 antibody



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1 Image

Overview

Quantity:	100 µg
Target:	PER1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PER1 antibody is un-conjugated
Application:	Dot Blot (DB)

Product Details

Immunogen:	PER1 antibody was raised in mouse using recombinant Human Period Homolog 1 (Drosophila)
Clone:	2715C2
Isotype:	IgG1
Cross-Reactivity:	Human
Cross-Reactivity (Details):	Other species not studied.
Purification:	Protein G affinity chromatography

Target Details

Target:	PER1
Alternative Name:	PER1 (PER1 Products)
Background:	This gene is a member of the Period family of genes and is expressed in a circadian pattern in

Target Details

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. Synonyms: Monoclonal PER1 antibody, Anti-PER1 antibody, Period circadian protein homolog 1 antibody, PER antibody, hPER antibody, RIGUI antibody, MGC88021 antibody.

Pathways: [Photoperiodism](#)

Application Details

Application Notes: Optimal conditions should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: Lot specific

Buffer: PER1 antibody in PBS (3.0 mM KCl, 1.5 mM KH₂ PO₄, 140 mM NaCl, 8.0 mM Na₂ HPO₄ (pH 7.4)) containing 1 % bovine serum albumin (BSA) and 0.05 % sodium azide (NaN₃).

Preservative: Sodium azide

Precaution of Use: This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for up to one year. We recommend long term storage at -20 °C.



Western Blotting

Image 1.