Datasheet for ABIN7644145

anti-PER1 antibody

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Overview

Quantity:	100 µL
Target:	PER1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PER1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Monoclonal Antibody to Period Circadian Protein 1 (PER1)
Immunogen:	RPM012Hu01Recombinant Period Circadian Protein 1 (PER1)
Clone:	C1
Specificity:	The antibody is a mouse monoclonal antibody raised against PER1. It has been selected for its ability to recognize PER1 in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

Target Details

Target:	PER1
Alternative Name:	PER1 (PER1 Products)

Target Details

Background:	PER, RIGUI, hPER, Circadian clock protein PERIOD 1, Circadian pacemaker protein Rigui
UniProt:	O15534
Pathways:	Photoperiodism

Application Details

Application Notes:	Western blotting: 0.01-2 µg/mL,Immunohistochemistry: 5-20 µg/mL,Immunocytochemistry: 5-20 µg/mL,Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.