

Datasheet for ABIN518783  
**anti-PER1 antibody (AA 1-1290)**



[Go to Product page](#)

2 Images

Overview

Quantity:	50 µg
Target:	PER1
Binding Specificity:	AA 1-1290
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This PER1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	Mouse polyclonal antibody raised against a full-length human PER1 protein.
Immunogen:	PER1 (NP_002607.1, 1 a.a. ~ 1290 a.a) full-length human protein.
Sequence:	MSGPLEGADG GGDPRPGESF CPGGVPSGP PQHRPCGPS LADTDANSN GSSGNESNGH ESGASQRSS HSSSSGNGKD SALLETTES KSTNSQSPSP PSSSIAYSL SASSSEQDNPS TSGCSSEQSA RARTQKELMT ALRELKLRP PERRGKGRSG TLATLQYALA CVKQVQANQE YYQQWSLEEG EPCSMDMSTY TLEELEHITS EYTLQNQDTF SVAVSFLTGR IVYISEQAAV LLRCKRDVFR GTRFSELLAP QDVGVFYGST APSRLPTWGT GASAGSGLRD FTQEKS VF CR IRGGPDRDPG PRYQPFRLTP YVTKIRVSDG APAQPCLLI AERIHSGYEA PRIPDKRIF TTRHTPSCLF QVDERAAPL LGYLPQDLLG APVLLFLHPE DRPLMLAIHK KILQLAGQPF DHSPIRFCAR NGEYVTMDTS WAGFVHPWSR KVAFVLGRHK VRTAPLNEDV FTTPPASPAP SLDTDIQELS EQIHRLLLQP VHSPSPTGLC GVGAVTSPGP LHSPGSSSDS NGGDAEGPGP PAPVTFQIC KDVHLVKHQG QQLFIESRAR PQSRPRLPAT GTFKAKALPC QSPDPELEAG

## Product Details

---

SAPVQAPLAL VP EEAERKEA SSSCYQQINC LDSILRYLES CNLPSTTKRK CASSSSYTTS  
SASDDDRQRT GPVSVGTKKD PPSAALS GEG ATPRKEPVVG GTLSPLALAN KAESVVSPTS  
QCSFSSTIVH VGDKKPPESD IIMMEDLPGL APGPAPSPAP SPTVAPDPAP DAYRPVGLTK  
AVLSLHTQKE EQAFLSRFRD LGRLRGLDSS STAPSALGER GCHHGPPAPS RRHHCRSKAK  
RSRHHQNPRA EAPCYVSHPS PVPPSTPWPT PPATTPFAV VQPYPLPVFS PRGGPQPLPP  
APTSVPPAAF PAPLVTPMVA LVLPNYLFPT PSSYPYGALQ TPAEGPPTPA SHSPSPSLPA  
LPPSPPHRPD SPLFNSRCSS PLQLNLLQLE ELPRAEGAAV AGGPGSSAGP PPPSAEAAEP  
EARLAEVTES SNQDALSGSS DLLELLLQED SRSGTGSAAS GSLGSGLGSG SGSGSHEGGS  
TSASITRSSQ SSHOTSKYFGS IDSSEAEAGA ARGGAEPGDQ VIKYVLQDPI WLLMANADQR  
VMPTYQVPSR DMTSVLKQDR ERLRAMQKQQ PRFSEDQRRE LGAVHSWVRK GQLPRALDVM  
ACVDCGSSTQ DPGHPDDPLF SELDGLGLEP MEEGGGEQGS SGGGSGEGEG CEEAQGGAKA  
SSSQDLAMEE EEEGRSSSSP ALPTAGNCTS

---

Cross-Reactivity: Human

---

Characteristics: Antibody reactive against mammalian transfected lysate.

## Target Details

---

Target: PER1

---

Alternative Name: PER1 ([PER1 Products](#))

---

Background: Full Gene Name: period homolog 1 (Drosophila)  
Synonyms: MGC88021,PER,RIGUI,hPER

---

Gene ID: 5187

---

NCBI Accession: [NM\\_002616](#)

---

Pathways: [Photoperiodism](#)

## 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

---

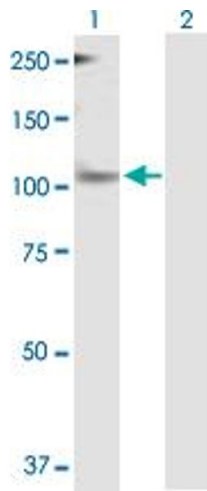
Handling Advice: Aliquot to avoid repeated freezing and thawing.

## Handling

Storage: -20 °C

Storage Comment: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Images

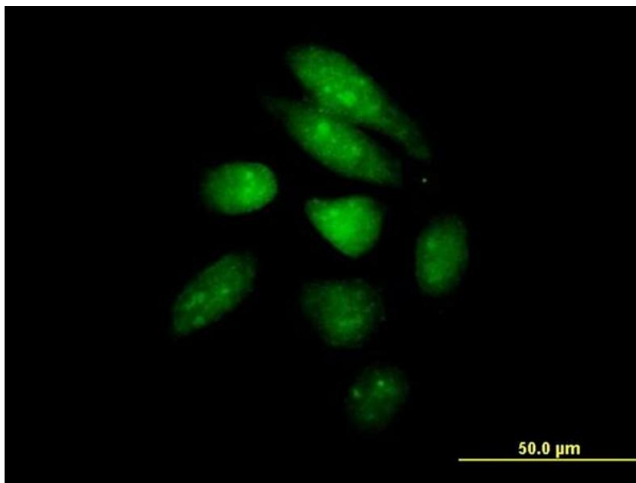


### Western Blotting

**Image 1.** Western Blot analysis of PER1 expression in transfected 293T cell line by PER1 MaxPab polyclonal antibody.

Lane 1: PER1 transfected lysate(141.9 KDa).

Lane 2: Non-transfected lysate.



### Immunofluorescence

**Image 2.** Immunofluorescence of purified MaxPab antibody to PER1 on HeLa cell. [antibody concentration 10 ug/ml]