

Product Name: PER2 Rabbit Monoclonal Antibody**Catalog #: AMRe84158**

For research use only.

Summary

| | |
|----------------------|---|
| Description | Recombinant rabbit monoclonal antibody |
| Host | Rabbit |
| Application | WB,ICC,FC |
| Reactivity | Human |
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG |
| Clonality | Monoclonal |
| Form | Liquid |
| Concentration | 0.61mg/ml. The concentration of this product may be batch-dependent. |
| Storage | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| Shipping | Ice bags |
| Buffer | Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol. |
| Purification | Affinity Purification |

Application

| | |
|-------------------------|---|
| Dilution Ratio | WB 1:1000-1:2000,ICC 1:50-1:200,FC 1:20-1:100 |
| Molecular Weight | 137 kDa |

Antigen Information

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|--------------------------|--|
| Gene Name | PER2 |
| Alternative Names | FASPS; FASPS1; hPER 2; hPER2; KIAA0347; PER2; Period 2;;PER2 |
| Gene ID | |
| SwissProt ID | O15055 |
| Immunogen | A synthesized peptide derived from human PER2 |

Background

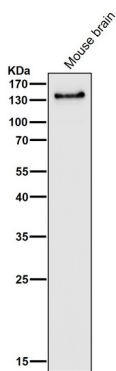
Transcriptional repressor which forms a core component of the circadian clock. The circadian clock, an internal time-keeping system, regulates various physiological processes through the generation of approximately 24 hour circadian rhythms in gene

expression, which are translated into rhythms in metabolism and behavior. It is derived from the Latin roots 'circa' (about) and 'diem' (day) and acts as an important regulator of a wide array of physiological functions including metabolism, sleep, body temperature, blood pressure, endocrine, immune, cardiovascular, and renal function.

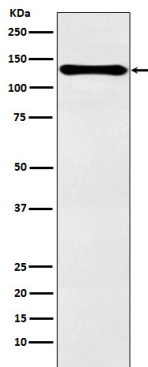
Research Area

Image Data

All lanes use the Antibody at 1:2k dilution for 1 hour at room temperature.



Western blot analysis of PER2 expression in HeLa cell lysate.



Immunofluorescent analysis using the Antibody at 1:50 dilution.

