
Product Name: CLOCK Mouse Monoclonal Antibody**Catalog #: AMM80837**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	ICC,ELISA
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS containing 0.03% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	ICC 1:200-1:1000,ELISA 1:5000-1:20000
Molecular Weight	95kDa

Antigen Information

Gene Name	CLOCK
Alternative Names	KAT13D; bHLHe8; KIAA0334; CLOCK
Gene ID	9575.0
SwissProt ID	O15516
Immunogen	Purified recombinant fragment of human CLOCK expressed in E. Coli.

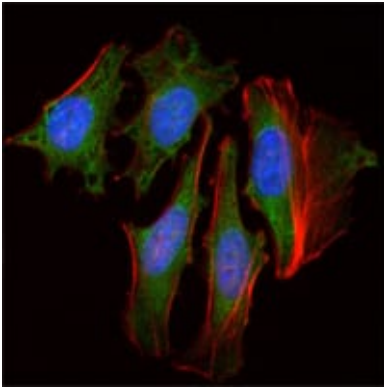
Background

This gene encodes a protein that belongs to the basic helix-loop-helix (bHLH) family of transcription factors. Polymorphisms within the encoded protein have been associated with circadian rhythm sleep disorders. A similar protein in mice is a circadian regulator that acts as a transcription factor and forms a heterodimer with aryl hydrocarbon receptor nuclear translocator-like to

activate transcription of mouse period 1.

Research Area

Image Data



Immunofluorescence analysis of HeLa cells using CLOCK mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Blue: DRAQ5 fluorescent DNA dye.