
CLOCK (8F7) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 252994

Unit: 0.1 ml

Description:

CLOCK (Circadian locomoter output cycles protein kaput) heterodimers activate E-box element (3'-CACGTG-5') transcription of a number of proteins of the circadian clock. CLOCK activates transcription of PER1 and PER2. This transcription is inhibited in a feedback loop by PER and CRY proteins. CLOCK has intrinsic histone acetyltransferase activity and this enzymatic function contributes to chromatin-remodeling events implicated in circadian control of gene expression. CLOCK acetylates primarily histones H3 and H4.

Isotype: Mouse IgG1

Applications: WB, FC

Species Reactivity: H

Format: Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.

Alternate Names: Circadian locomoter output cycles protein kaput; hCLOCK; Class E basic helix-loop-helix protein 8; CLOCK; BHLHE8; KIAA0334

Accession No.: O15516

Antigen: Purified recombinant fragment of human CLOCK expressed in E. coli.

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.

Application Notes: WB: 1:500-1:2000; FC: 1:200-1:400;