

Product datasheet for **CF804826**

CLOCK Mouse Monoclonal Antibody [Clone ID: OTI2G10]

Product data:

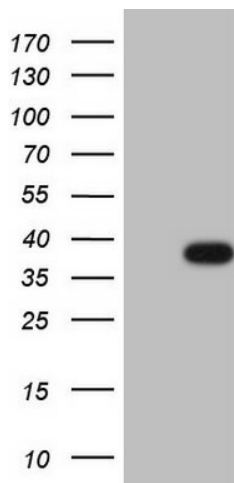
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|-------------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI2G10 |
| Applications: | IHC, WB |
| Recommended Dilution: | WB 1:2000, IHC 1:150 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Human recombinant protein fragment corresponding to amino acids 1-285 of human CLOCK (NP_004889) produced in E.coli. |
| Formulation: | Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose) |
| Reconstitution Method: | For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific) |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 95.1 kDa |
| Gene Name: | clock circadian regulator |
| Database Link: | NP_004889 Entrez Gene 12753 Mouse Entrez Gene 60447 Rat Entrez Gene 9575 Human Q15516 |
| Synonyms: | bHLHe8; KAT13D |
| Protein Families: | Druggable Genome, Transcription Factors |



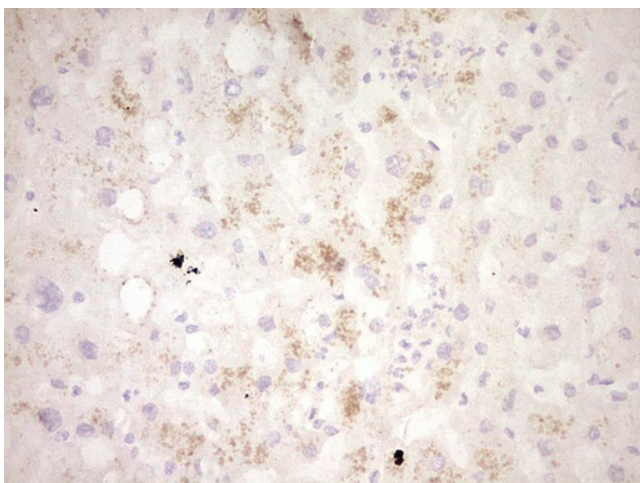
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Protein Pathways: Circadian rhythm - mammal

Product images:



Human recombinant protein fragment corresponding to amino acids 1-285 of human CLOCK (NP_004889) produced in E.coli.



Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-CLOCK mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA804826])