

## Recombinant NR1D1 Monoclonal Antibody

catalog number: E-AB-81587

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

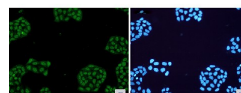
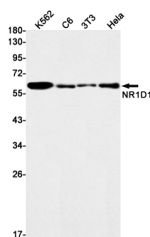
|                     |                                                                                                     |
|---------------------|-----------------------------------------------------------------------------------------------------|
| <b>Reactivity</b>   | Human;Mouse;Rat                                                                                     |
| <b>Immunogen</b>    | A synthetic peptide of human NR1D1                                                                  |
| <b>Host</b>         | Rabbit                                                                                              |
| <b>Isotype</b>      | IgG                                                                                                 |
| <b>Clone</b>        | C173373                                                                                             |
| <b>Purification</b> | Affinity Purified                                                                                   |
| <b>Buffer</b>       | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein. |

### Applications

### Recommended Dilution

|           |              |
|-----------|--------------|
| <b>WB</b> | 1:500-1:1000 |
| <b>IF</b> | 1:20-1:100   |

### Data



Western blot detection of NR1D1 in K562,C6,3T3,HeLa cell lysates using NR1D1 Rabbit mAb(1:1000 diluted).Predicted band size:67kDa.Observed band size:67kDa.

Immunofluorescence of NR1D1(green) in HeLa cells using NR1D1 Rabbit mAb at dilution 1:50, and DAPI(blue)

**Observed-MW:67 kDa**

**Calculated-MW:67 kDa**

### Preparation & Storage

|                 |                                                                                                        |
|-----------------|--------------------------------------------------------------------------------------------------------|
| <b>Storage</b>  | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.                                        |
| <b>Shipping</b> | The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended. |

### Background

This gene encodes a transcription factor that is a member of the nuclear receptor subfamily 1. The encoded protein is a ligand-sensitive transcription factor that negatively regulates the expression of core clock proteins. In particular this protein represses the circadian clock transcription factor aryl hydrocarbon receptor nuclear translocator-like protein 1 (ARNTL). This protein may also be involved in regulating genes that function in metabolic, inflammatory and cardiovascular processes.

### For Research Use Only

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