Recombinant NR1D1 Monoclonal Antibody

catalog number: **E-AB-81587**

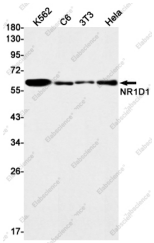
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

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

Applications	Recommended Dilution
WB	1:500-1:1000
IF	1:20-1:100

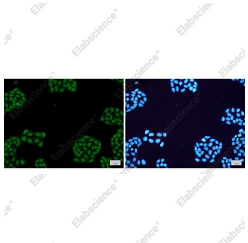
Data



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.

Observed-MW:67 kDa

Calculated-MW:67 kDa



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

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze/thaw cycles.
Shipping	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.

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