#### **Anti-RE1 Silencing Transcription Factor Recombinant Rabbit Monoclonal Antibody**



## **Catalog #: 2513**

#### **Aliases**

RE1 Silencing Transcription Factor; NRSF; XBR; RE1-Silencing Transcription Factor; Neural-Restrictive Silencer Factor; DFNA27; Neuron-Restrictive Silencer Factor; Neuron Restrictive Silencer Factor; Deafness, Autosomal Dominant 27; Repressor Binding To The X2 Box; X2 Box Repressor; GINGF5; HGF5; WT6

# **Background**

Gene Name: REST

NCBI Gene Entry: 5978 UniProt Entry: Q13127

# **Application Information**

Molecular Weight: Predicted, 122 kDa; observed, 150 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB1200

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

## **Immunogen**

A synthesized peptide derived from human REST / NRSF

## **Isotype**

Rabbit IgG

## **Storage Buffer**

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

### **Storage**

Store at -20 °C for one year.

#### **Recommended Dilutions**

Western Blotting (WB): 1:1,000-1:5,000

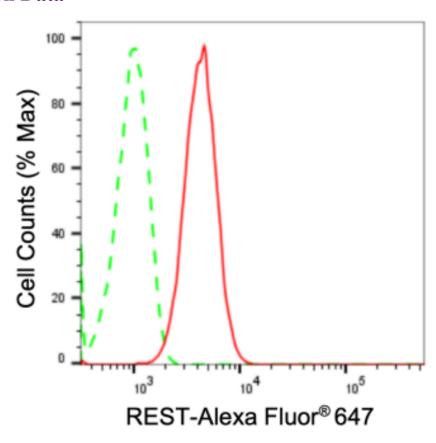
Flow Cytometry (FCM): 1:2,000

Immunocytochemistry (IC): 1:100-1:1,000

#### **Anti-RE1 Silencing Transcription Factor Recombinant Rabbit Monoclonal Antibody**

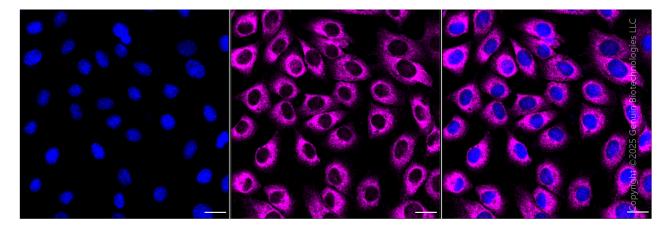
Note: This product is for research use only.

#### **Validation Data**



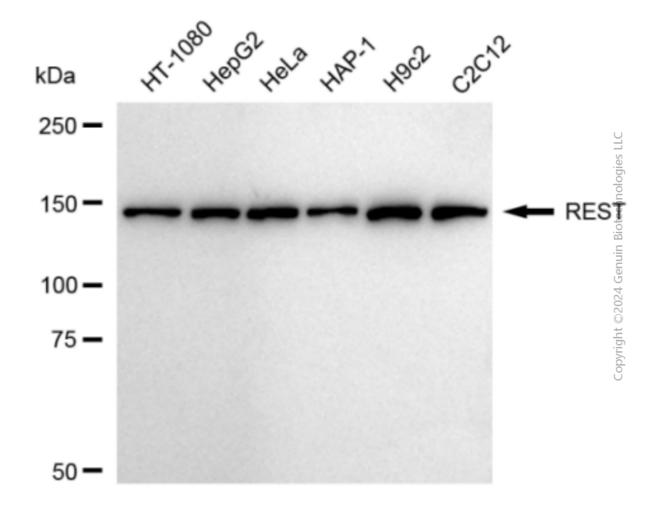
Copyright ©2024 Genuin Biotechnologies LLC

Flow cytometric analysis of REST expression in C2C12 cells using anti-REST antibody (Cat#2513, 1:2,000). Green, isotype control; red, REST.



Immunocytochemical staining of C2C12 cells with anti-REST antibody (Cat#2513, 1:1,000) . Nuclei were stained blue with DAPI; REST was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar, 20  $\mu m$ .

### **Anti-RE1 Silencing Transcription Factor Recombinant Rabbit Monoclonal Antibody**



Western blotting analysis using anti-REST antibody (Cat#2513). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-REST antibody (Cat#2513, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ<sup>TM</sup> ECL Substrate Kit (Cat#226).