KD-Validated Anti-RBMX Rabbit Monoclonal Antibody



Catalog #: 61886

Aliases

RBMX; RNA Binding Motif Protein X-Linked; Heterogeneous Nuclear Ribonucleoprotein G; HnRNP-G; HNRNPG; RNMX; RNA-Binding Motif Protein, X Chromosome; Glycoprotein P43;

HnRNP G; RBMXP1; HNRPG; RNA Binding Motif Protein, X Chromosome; MRXS11;

RBMXRT; MRXSG; MRXSH

Background

Gene Name: RBMX

NCBI Gene Entry: 27316 UniProt Entry: P38159

Application Information

Molecular Weight: Predicted, 42 kDa; observed, 39 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 25GB4075

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human hnRNP G

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

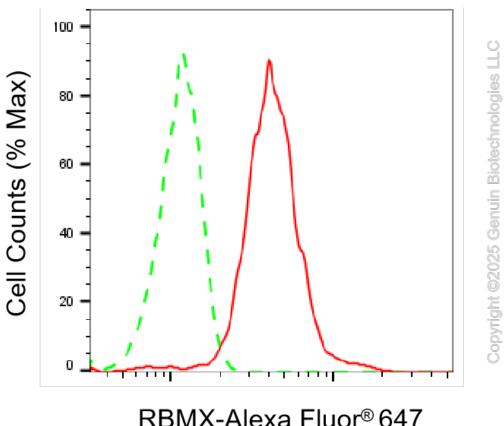
Immunocytochemistry (IC): 1:100-1:1,000

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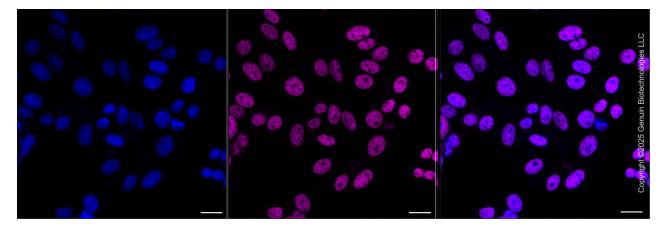
Note: This product is for research use only.

Validation Data



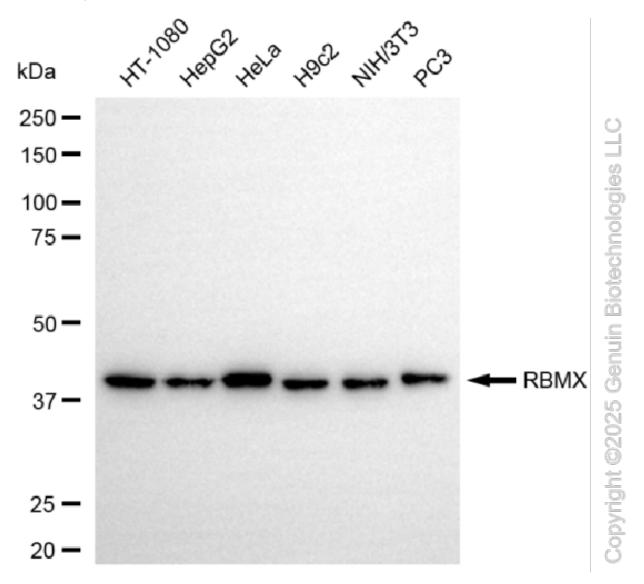
RBMX-Alexa Fluor® 647

Flow cytometric analysis of RBMX expression in HepG2 cells using anti-RBMX antibody (Cat#61886, 1:2,000). Green, isotype control; red, RBMX.



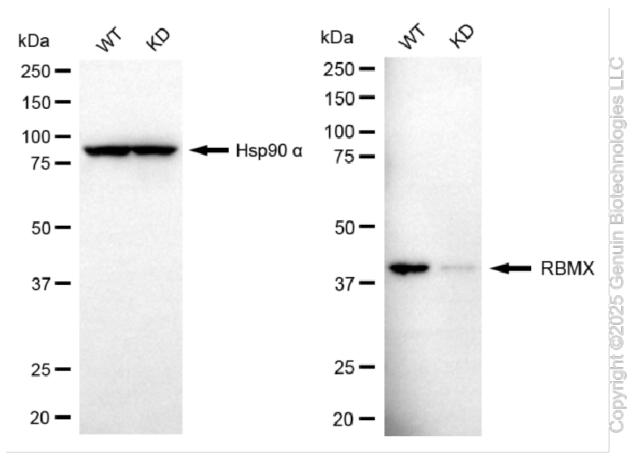
Immunocytochemical staining of HepG2 cells with anti-RBMX antibody (Cat#61886, 1:1,000). Nuclei were stained blue with DAPI; RBMX was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 µm.

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Western blotting analysis using anti-RBMX antibody (Cat#61886). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-RBMX antibody (Cat#61886, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQTM ECL Substrate Kit (Cat#716).

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Western blotting analysis using anti-RBMX antibody (Cat#61886). RBMX expression in wild-type (WT) and RBMX knockdown (KD) HT-1080 cells with 20 μg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-RBMX antibody (Cat#61886, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQTM ECL Substrate Kit (Cat#226).