Anti-Oxytocin Receptor Recombinant Rabbit Monoclonal Antibody



Catalog #: 2379

Aliases

Oxytocin Receptor; OTR; OT-R

Background

Gene Name: OXTR NCBI Gene Entry: 5021 UniProt Entry: P30559

Application Information

Molecular Weight: Predicted, 43 kDa; observed, 43 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB560

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human Oxytocin Receptor

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

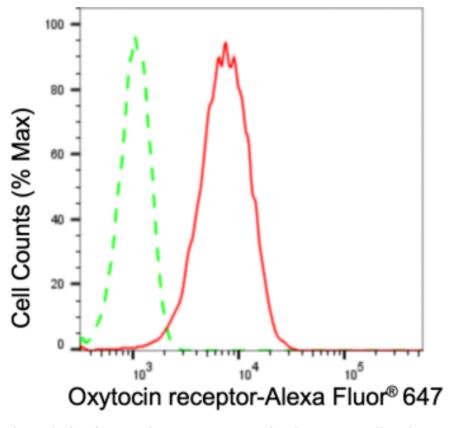
Immunocytochemistry (IC): 1:100-1:1,000

Note: This product is for research use only.

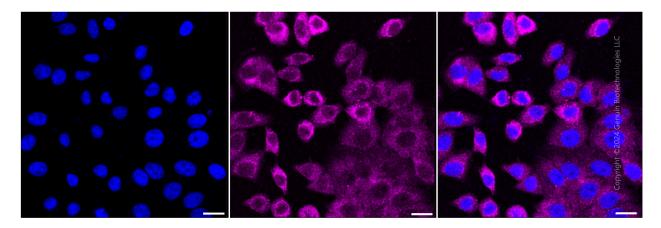
Validation Data

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Flow cytometric analysis of Oxytocin receptor expression in HepG2 cells using Oxytocin receptor antibody (Cat#2379, 1:2,000). Green, isotype control; red, Oxytocin receptor.

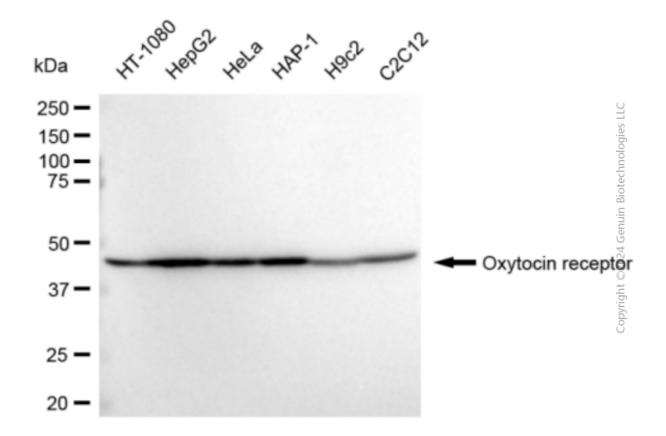


Immunocytochemical staining of HepG2 cells with anti-Oxytocin receptor antibody (Cat#2379, 1:1,000). Nuclei were stained blue with DAPI; Oxytocin receptor was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.

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Western blotting analysis using anti-Oxytocin receptor antibody (Cat#2379). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Oxytocin receptor antibody (Cat#2379, 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).