

KD-Validated Anti-CGRP Receptor Component Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

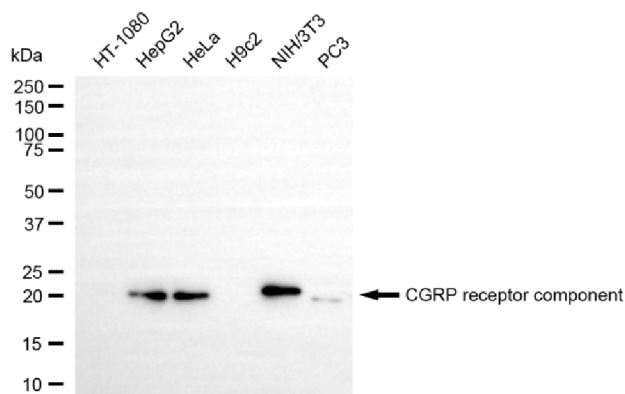
ABG1345

Product Overview

Name	KD-Validated Anti-CGRP Receptor Component Rabbit Monoclonal Antibody
Accession(Primary)	O75575
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human CRCP
Species Reactivity	Human, Mouse
Calculated MW	Predicted, 17 kDa; observed, 22 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western blotting (WB): 1:1,000-1:5,000Flow Cytometry (FCM): 1:2,000Immunocytochemistry (IC): 1:100-1:1,000

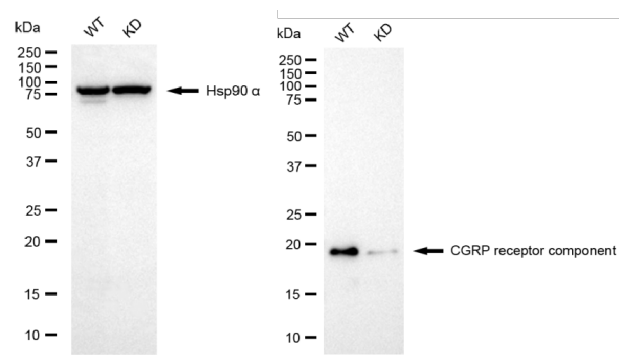
Target information (O75575)

Gene Name	CRCP
About Gene Symbol	CRCP (CGRP Receptor Component) is a membrane receptor involved in receptor-mediated signaling. It is an important research target in cell signaling, drug discovery, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



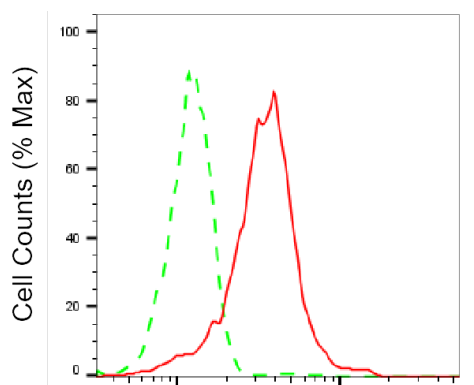
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Western blotting analysis using anti-CGRP receptor component antibody (Cat#ABG1345). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-CGRP receptor component antibody (Cat#ABG1345, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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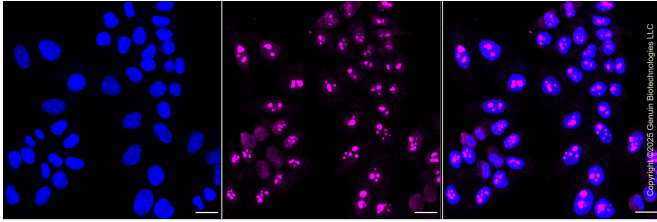
Western blotting analysis using anti-CGRP receptor component antibody (Cat#ABG1345). CGRP receptor component expression in wild-type (WT) and CGRP receptor component (CRCP) knockdown (KD) 293T cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-CGRP receptor component antibody (Cat#ABG1345, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of CGRP receptor component expression in HepG2 cells using anti-CGRP receptor component antibody (Cat#ABG1345, 1:2,000). Green, isotype control; red, CGRP receptor component.

CGRP receptor component-Alexa Fluor® 647



Immunocytochemical staining of HepG2 cells with CGRP receptor component antibody (Cat#ABG1345, 1:1,000). Nuclei were stained blue with DAPI; CGRP receptor component 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 μ m.