9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KD-Validated Anti-Chromogranin A Mouse Monoclonal Antibody

Mouse monoclonal antibody

ABG1943

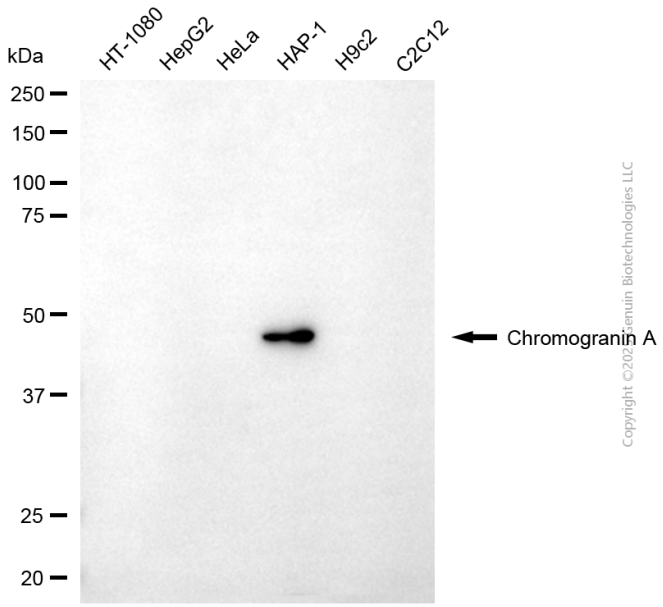
Product Overview

Name	KD-Validated Anti-Chromogranin A Mouse Monoclonal Antibody
Accession(Primary)	P10645
Host Species	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Immunogen	Recombinant protein of human CHGA
Species Reactivity	Human
Calculated MW	Predicted, 51 kDa, observed, 48 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000Immunocytochemistry (IC): 1:100-1:1,000

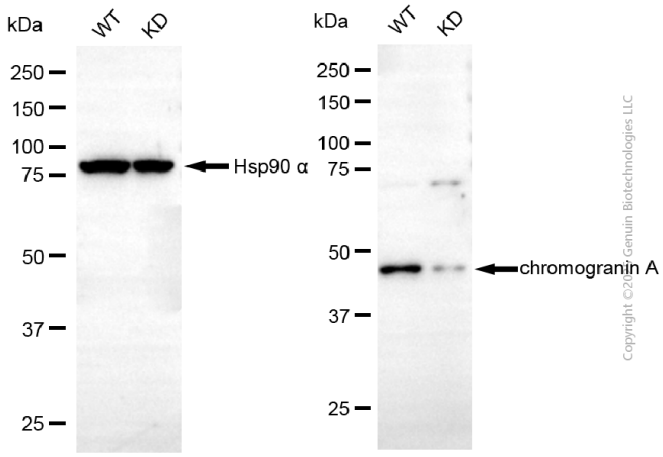
Target information (P10645)

Gene Name	CHGA
About Gene Symbol	CHGA (Chromogranin A) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

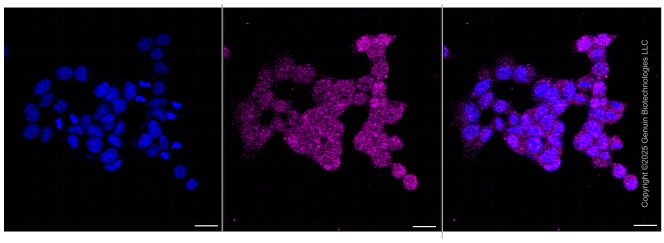
9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989



Western blotting analysis using anti-chromogranin A antibody (Cat#ABG1943). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-chromogranin A antibody (Cat#ABG1943, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Western blotting analysis using anti-chromogranin A antibody (Cat#ABG1943). Chromogranin A expression in wild type (WT) and chromogranin A (CHGA) knockdown (KD) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-chromogranin A antibody (Cat#ABG1943, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Immunocytochemical staining of HAP-1 cells with Chromogranin A antibody (Cat#ABG1943, 1:1,000). Nuclei were stained blue with DAPI; Chromogranin A 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.