9051 Mira Mesa Blvd, #910094
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Tel: 760-390-3989

KD-Validated Anti-SRY-Box Transcription Factor 9 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1752

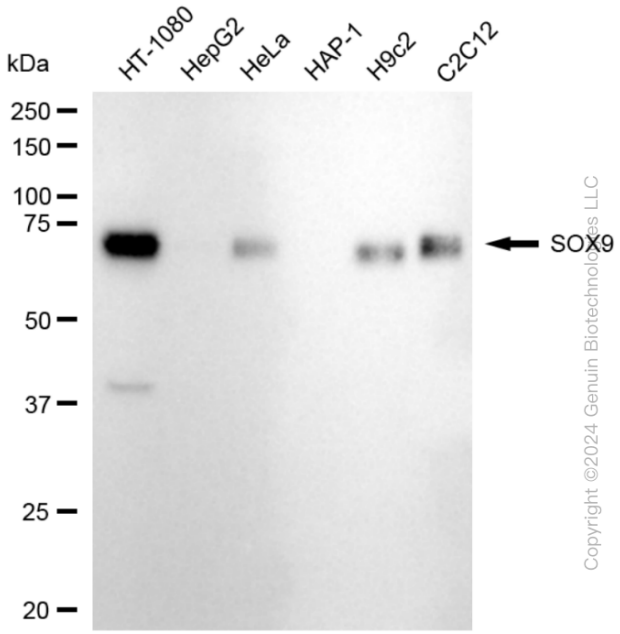
Product Overview

Name	KD-Validated Anti-SRY-Box Transcription Factor 9 Rabbit Monoclonal Antibody
Accession(Primary)	P48436
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human SOX9
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 56 kDa , observed , 70 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB):1:1,000-1:5,000 Flow Cytometry (FCM):1:2,000 Immunocytochemistry (IC): 1:100-1:1,000

Target information (P48436)

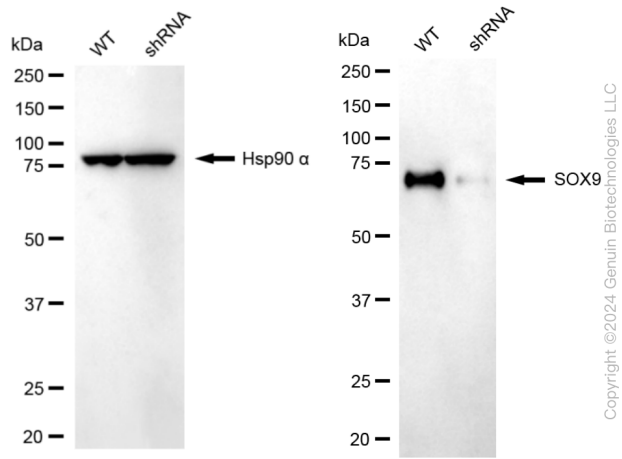
Gene Name	SOX9
About Gene Symbol	SOX9 (SRY-Box Transcription Factor 9) is a transcription factor involved in gene transcription and regulation. It is an important research target in gene regulation, development, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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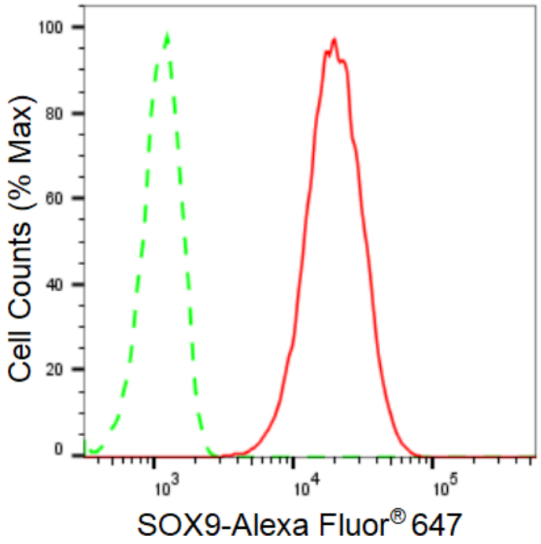
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Western blotting analysis using anti-SOX9 antibody (Cat#ABG1752). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-SOX9 antibody (Cat#ABG1752, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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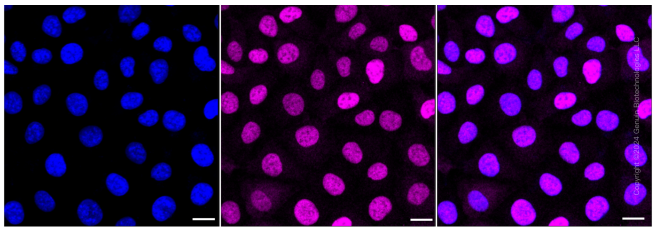
Western blotting analysis using anti-SOX9 antibody (Cat#ABG1752). SOX9 expression in wild-type (WT) and SOX9 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-SOX9 antibody (Cat#ABG1752, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of SOX9 expression in HT-1080 cells using anti-SOX9 antibody (Cat#ABG1752, 1:2,000). Green, isotype control; red, SOX9.

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Immunocytochemical staining of HT-1080 cells with anti- antibody (Cat#ABG1752, 1:1,000). Nuclei were stained blue with DAPI; 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.