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

KD-Validated Anti-Aryl hydrocarbon receptor Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1170

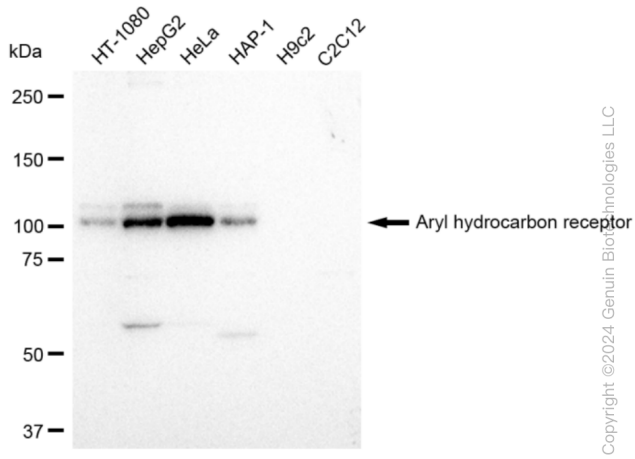
Product Overview

Name	KD-Validated Anti-Aryl hydrocarbon receptor Rabbit Monoclonal Antibody
Accession(Primary)	P35869
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human AhR
Species Reactivity	Human
Calculated MW	Predicted, 96 kDa , observed, 105 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): 1:1,000

Target information (P35869)

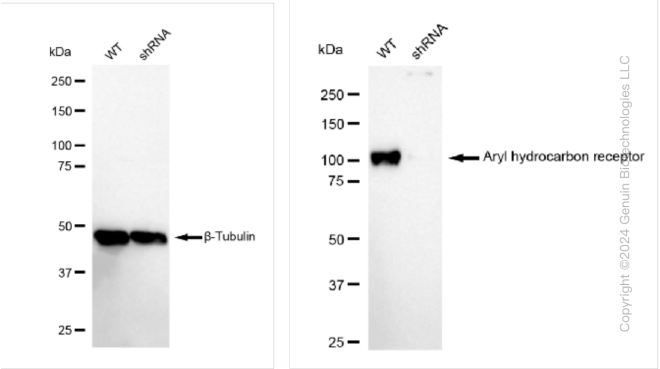
Gene Name	AHR
About Gene Symbol	AHR (Aryl Hydrocarbon Receptor) is a membrane receptor involved in receptor-mediated signaling. It is an important research target in cell signaling, drug discovery, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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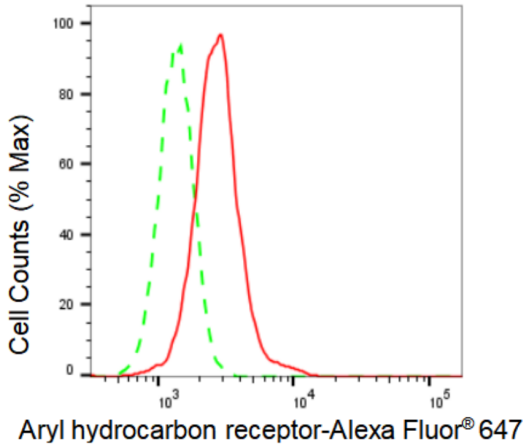
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Western blotting analysis using anti-Aryl hydrocarbon receptor antibody (Cat#ABG1170). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Aryl hydrocarbon receptor antibody (Cat#ABG1170, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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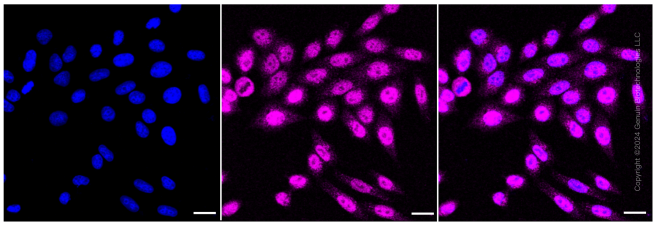
Western blotting analysis using anti-Aryl hydrocarbon receptor antibody (Cat#ABG1170). Aryl hydrocarbon receptor expression in wild type (WT) and aryl hydrocarbon receptor shRNA knockdown (KD) Hela cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Aryl hydrocarbon receptor antibody (Cat#ABG1170, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Aryl hydrocarbon receptor expression in HepG2 cells using Aryl hydrocarbon receptor antibody (Cat#ABG1170, 1:2,000). Green, isotype control; red, Aryl hydrocarbon receptor.

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Immunocytochemical staining of HepG2 cells with Aryl hydrocarbon receptor antibody (Cat#ABG1170, 1:1,000). Nuclei were stained blue with DAPI; Aryl hydrocarbon 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.