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## **[KD-Validated] Anti-Aryl hydrocarbon receptor Rabbit Monoclonal Antibody**

Cat No.: KD-10052

### **Aliases:**

AHR; Aryl Hydrocarbon Receptor; BHLHe76; Class E Basic Helix-Loop-Helix Protein 76; Ah Receptor; BHLHE76; Aromatic Hydrocarbon Receptor; AH-Receptor; RP85; AhR

### **Background:**

UniProt Entry: [P35869](#);NCBI Gene Entry: [196](#)

### **Application Information**

Molecular Weight: Predicted, 96 kDa, observed, 105 kDa Clonality: Rabbit monoclonal antibody Clone ID: 23GB1635 Species Reactivity: Human Applications Tested: Western Blotting (WB), Flow Cytometry (FCM), Immunocytochemistry (IC)

### **Immunogen**

A synthesized peptide derived from human AhR

### **Isotype**

Rabbit IgG

### **Storage Buffer**

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

### Storage

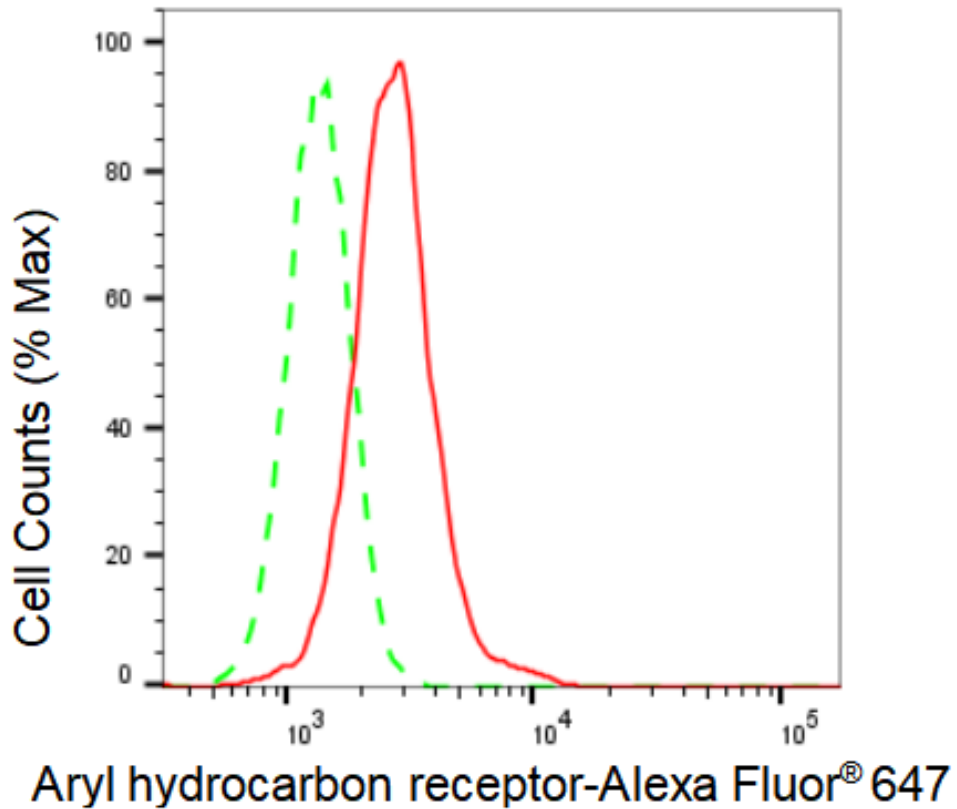
Store at -20 °C for one year.

### Recommended Dilutions

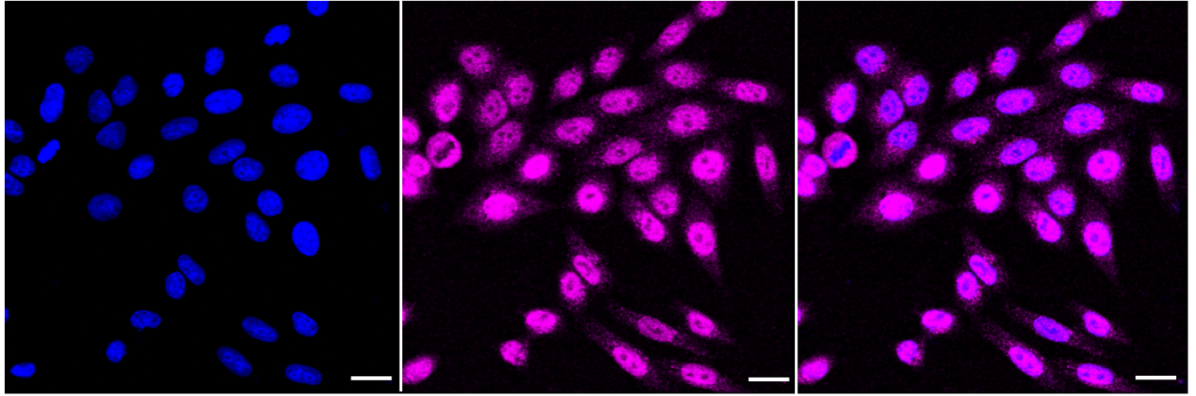
Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000  
Immunocytochemistry (IC): 1:1,000

### Protocols

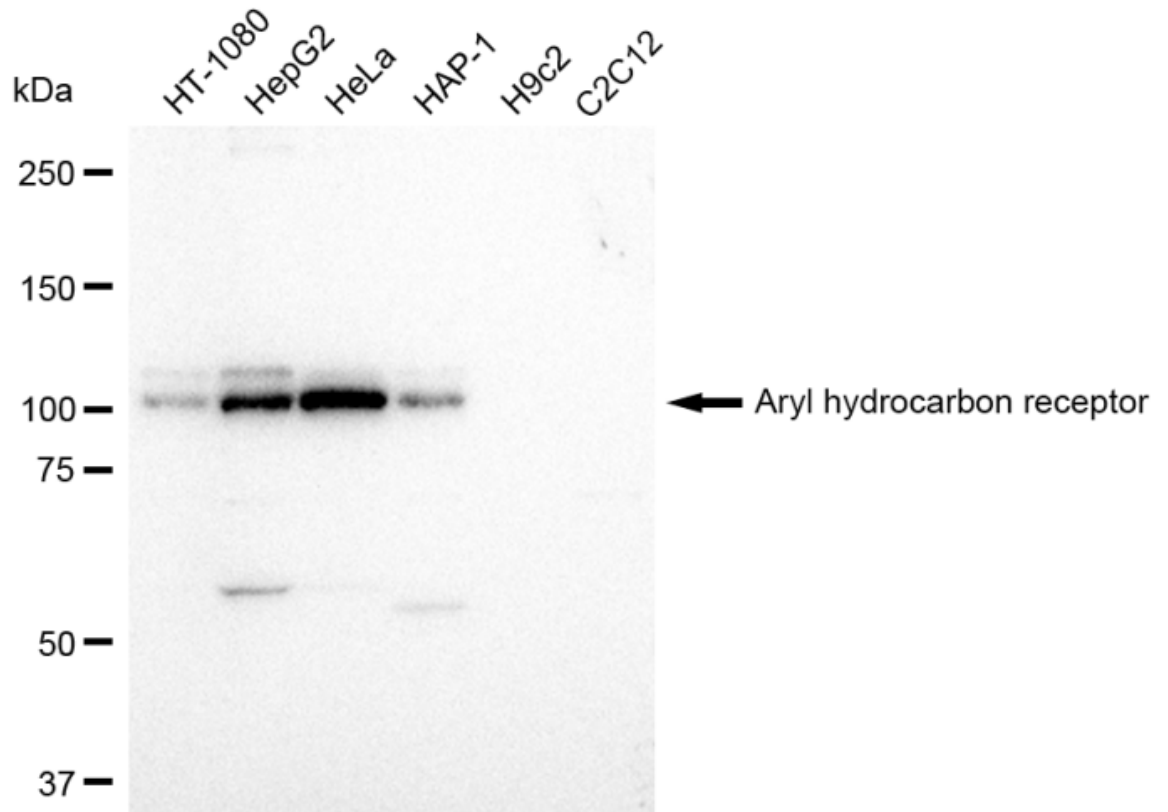
For general and specific antibody protocols please visit our website. Read all instructions before using this product.



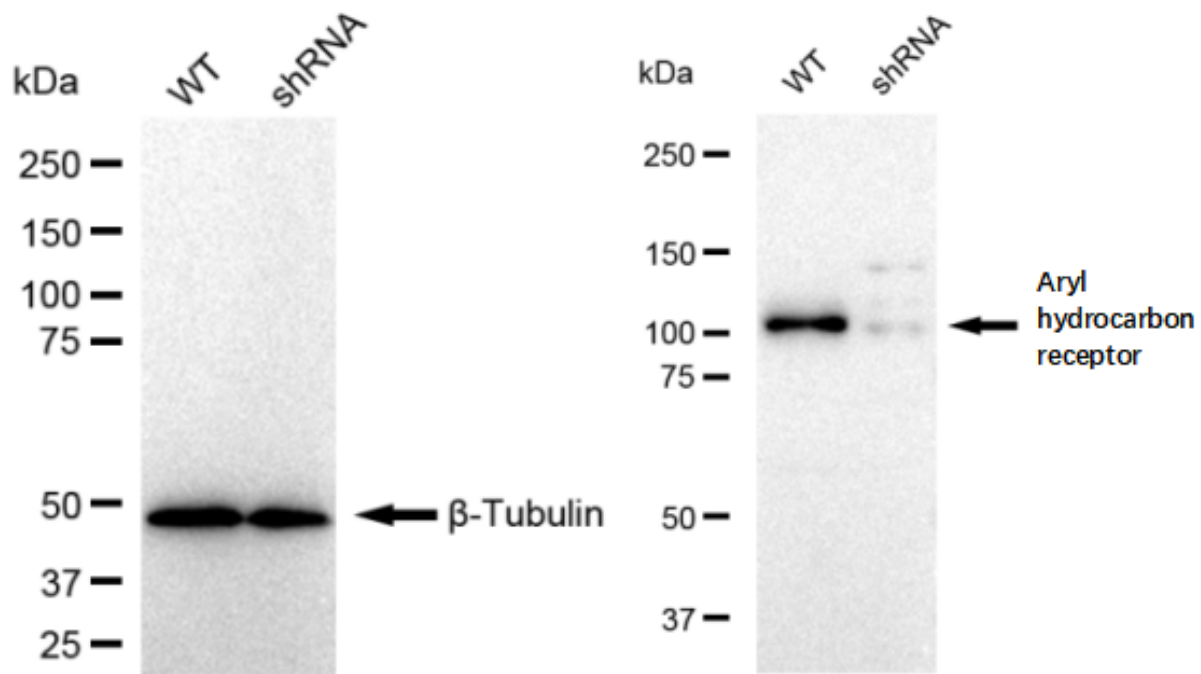
Flow cytometric analysis of Aryl hydrocarbon receptor expression in HepG2 cells using Aryl hydrocarbon receptor antibody 1:2,000. Green, isotype control; red, Aryl hydrocarbon receptor.



Immunocytochemical staining of HepG2 cells with Aryl hydrocarbon receptor antibody 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  $\mu$ m.



Western blotting analysis using anti-Aryl hydrocarbon receptor antibody 1:5,000 and HRP-conjugated goat anti-rabbit secondary antibody 1:20,000 respectively. Image was developed using FeQ™ ECL Substrate Kit .



Western blotting analysis using anti-Aryl hydrocarbon receptor antibody 1:5,000 and HRP-conjugated goat anti-rabbit secondary antibody 1:20,000 respectively. Image was developed using FeQ™ ECL Substrate Kit .