

**Product Name: Aryl Hydrocarbon Receptor Rabbit Monoclonal Antibody**  
**Catalog #: AMRe01680**

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## Summary

<b>Production Name</b>	Aryl Hydrocarbon Receptor Rabbit Monoclonal Antibody
<b>Description</b>	Recombinant Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB, ICC/IF
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	AHR
<b>Alternative Names</b>	Ah receptor; AhR; Class E basic helix-loop-helix protein 76; bHLHe76; AHR
<b>Gene ID</b>	196
<b>SwissProt ID</b>	P35869

## Application

<b>Dilution Ratio</b>	WB: 1/500-1/1000 ICC/IF: 1/50-1/200
<b>Molecular Weight</b>	Calculated MW: 96 kDa; Observed MW: 100 kDa

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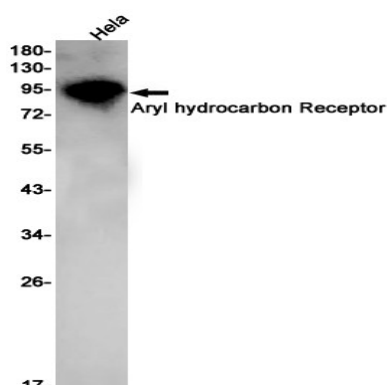
## Background

The aryl hydrocarbon receptor (AhR) is a ligand activated transcription factor involved in xenobiotic metabolism, cell cycle regulation, and development in response to both endogenous and environmental signals. Involved in cell-cycle regulation. Likely to play an important role in the development and maturation of many tissues.

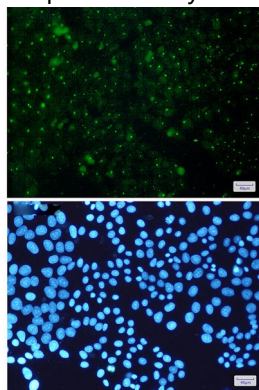
## Research Area

Epigenetics and Nuclear Signaling

## Image Data



Western blot analysis of Aryl hydrocarbon Receptor in HeLa lysates using Aryl Hydrocarbon Receptor antibody.



Immunocytochemistry analysis of Aryl hydrocarbon Receptor(green) in HeLa using Aryl hydrocarbon Receptor antibody, and DAPI(blue)

## Note

For research use only.