

A22371

Leader in Biomolecular Solutions for Life Science



AHR Rabbit mAb

Catalog No.: A22371

Recombinant

Basic Information

Observed MW

Refer to figures

Calculated MW

96kDa

Category

SMab Recombinant Monoclonal
Antibody

Applications

IF/ICC,ELISA

Cross-Reactivity

Human

CloneNo number

ARC53219

Background

The protein encoded by this gene is a ligand-activated helix-loop-helix transcription factor involved in the regulation of biological responses to planar aromatic hydrocarbons. This receptor has been shown to regulate xenobiotic-metabolizing enzymes such as cytochrome P450. Before ligand binding, the encoded protein is sequestered in the cytoplasm; upon ligand binding, this protein moves to the nucleus and stimulates transcription of target genes.

Recommended Dilutions

IF/ICC 1:50 - 1:200

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
196

Swiss Prot
P35869

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

RP85; bHLHe76; AHR

Contact

 www.abclonal.com

Product Information

Source
Rabbit

Isotype
IgG

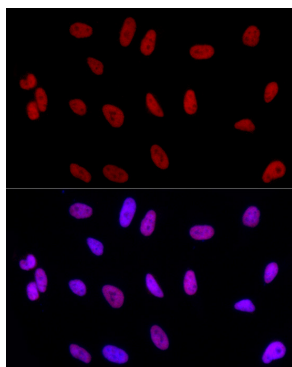
Purification
Affinity purification

Storage

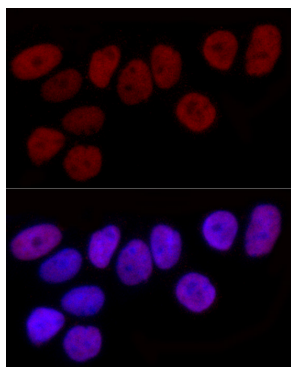
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.

Validation Data



Immunofluorescence analysis of HeLa cells using AHR Rabbit mAb (A22371) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of MCF7 cells using AHR Rabbit mAb (A22371) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.