### bsm-52886R

## [ Primary Antibody ]

# Bioss ANTIBODIES

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# AHR Recombinant Rabbit mAb

#### - DATASHEET -

Host: Rabbit Isotype: IgG
Clonality: Recombinant CloneNo.: 3C7
GeneID: 196 SWISS: P35869

Target: AHR

Purification: affinity purified by Protein A

Concentration: 1mg/ml

**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

**Background:** This gene encodes a ligand-activated 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. Its

ligands included a variety of aromatic hydrocarbons.

**Applications: WB** (1:500-2000)

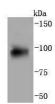
ICC/IF (1:100-200)

Reactivity: Human, Mouse

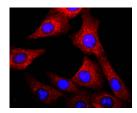
Predicted MW.: 93 kDa

Subcellular Cytoplasm ,Nucleus

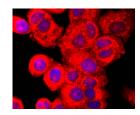
### VALIDATION IMAGES -



Western blot analysis of Aryl hydrocarbon Receptor on human lung tissue lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (bsm-52886R, 1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1:200,000 dilution was used for 1 hour at room temperature.



ICC staining of Aryl hydrocarbon Receptor in NIH/3T3 cells (red). Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 10% negative goat serum for 15 minutes at room temperature. Cells were probed with the primary antibody (bsm-52886R, 1/50) for 1 hour at room temperature, washed with PBS. Alexa Fluor\*594 conjugate-Goat anti-Rabbit IgG was used as the secondary antibody at 1/1,000 dilution. The nuclear counter stain is DAPI (blue).



ICC staining of Aryl hydrocarbon Receptor in MCF-7 cells (red). Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 10% negative goat serum for 15 minutes at room temperature. Cells were probed with the primary antibody (bsm-52886R, 1/50) for 1 hour at room temperature, washed with PBS. Alexa Fluor\*594 conjugate-Goat anti-Rabbit IgG was used as the secondary antibody at 1/1,000 dilution. The nuclear counter stain is DAPI (blue).