

MAB354Hu21

Monoclonal Antibody to Aryl Hydrocarbon Receptor (AhR)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Monoclonal antibody preparation

Host: Mouse

Antibody isotype: IgG1 Kappa

Purification: Protein A + Protein G affinity chromatography

Clone number: C8

Traits: Liquid

Concentration: 1mg/mL

UOM: 200μL

Cross Reactivity: N/A

Applications: IHC; ICC/IF

[IMMUNOGEN]

Immunogen: Recombinant AhR (Val128~Asn399) expressed in *E.coli*

Accession No.: RPB354Hu01

[APPLICATIONS]

Immunohistochemistry: 5-20μg/mL;

Immunofluorescence: 5-20μg/mL;

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

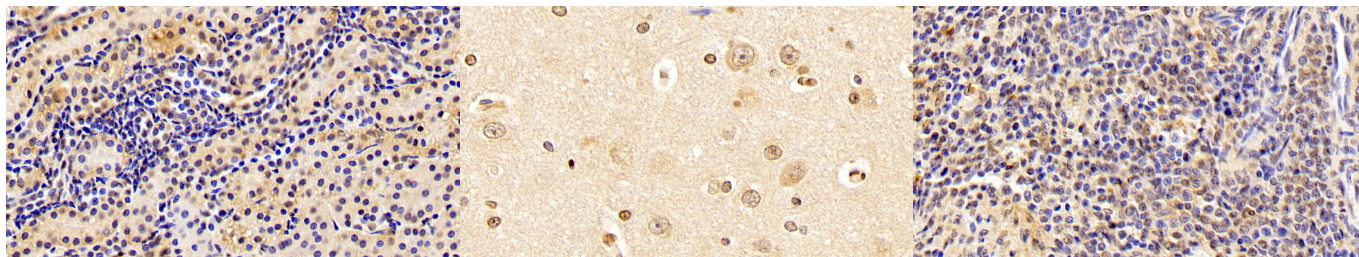
Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]



DAB staining on IHC-P;

Sample: Human Kidney Tissue;

Primary Ab: 20µg/ml Mouse Anti-Human AhR Antibody

Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

(Catalog: SAA544Mu19)

DAB staining on IHC-P;

Sample: Human Cerebrum Tissue;

Primary Ab: 20µg/ml Mouse Anti-Human AhR Antibody

Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

(Catalog: SAA544Mu19)

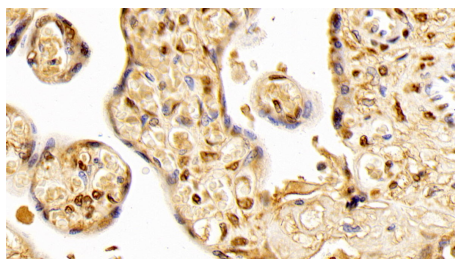
DAB staining on IHC-P;

Sample: Human Spleen Tissue;

Primary Ab: 20µg/ml Mouse Anti-Human AhR Antibody

Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

(Catalog: SAA544Mu19)



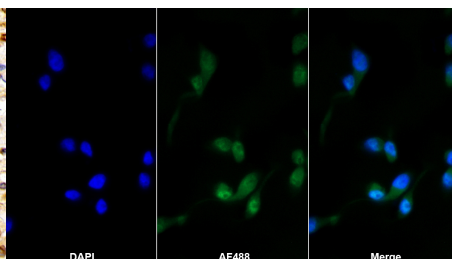
DAB staining on IHC-P;

Sample: Human Placenta Tissue;

Primary Ab: 20µg/ml Mouse Anti-Human AhR Antibody

Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

(Catalog: SAA544Mu19)



AF488 staining on IF;

Sample: HeLa cell

Primary Ab: 20µg/ml Mouse Anti-Human AhR Antibody

Second Ab: 2µg/ml AF488-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

(Catalog: SAA544Mu11)

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was

used in clinical diagnostic or any other procedures.