

MAA798Hu21

Monoclonal Antibody to Hypoxia Inducible Factor 1 Alpha (HIF1a)

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: IgG2a Kappa

Purification: Protein A + Protein G affinity chromatography

Clone number: C5

Traits: Liquid

Concentration: 1mg/mL

UOM: 100μL

Cross Reactivity: N/A

Applications: WB; IHC; ICC/IF

[IMMUNOGEN]

Immunogen: Recombinant HIF1a (Arg575~Asn826) expressed in *E.coli*

Accession No.: RPA798Hu01

[APPLICATIONS]

Western blotting: 0.01-5μg/mL;

Immunohistochemistry: 5-50μg/mL;

Immunocytochemistry: 5-50μg/mL;

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

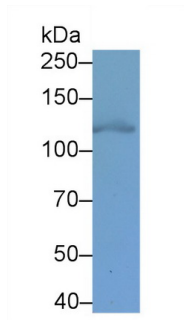
Store at 4°C for frequent use.

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

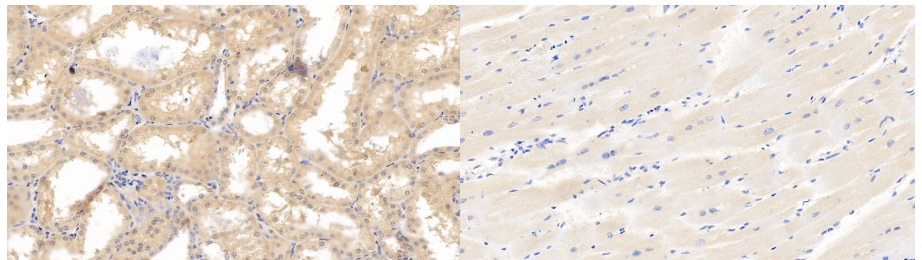
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined

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]

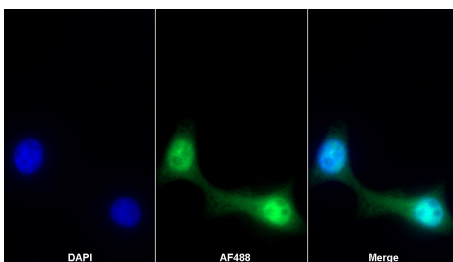


Western Blot; Sample: Human Serum
Primary Ab: 5?g/ml Mouse Anti-Human HIF1a Antibody Second Ab: 0.2μg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



DAB staining on IHC-P; Samples: Human Kidney Tissue; Primary Ab: 10μg/ml Mouse Anti-Human HIF1a Antibody Second Ab: 2μg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)

DAB staining on IHC-P; Samples: Human Cardiac Muscle Tissue; Primary Ab: 10μg/ml Mouse Anti-Human HIF1a Antibody Second Ab: 2μg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



AF488 staining on IF;

Sample: Hela cell

Primary Ab: 30μg/ml Mouse Anti-Human HIF1a Antibody
Second Ab: 2?g/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.