

CAB357Hu22

Anti-Extracellular Signal Regulated Kinase 1 (ERK1) Monoclonal Antibody

Organism Species: Homo sapiens (Human)

Instruction manual

FOR IN VITRO USE AND 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.

Traits: Liquid

Concentration: 1mg/mL

UOM: 100µL

Applications: IHC

[IMMUNOGEN]

Immunogen: Recombinant ERK1 (Pro75~Thr312) expressed in *E.coli*.

Accession No.: RPB357Hu01

[ORGANISM SPECIES MORE]

React with: Cavia;Rabbit; Porcine;Bovine;Fish

[APPLICATIONS]

Immunohistochemistry: 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.

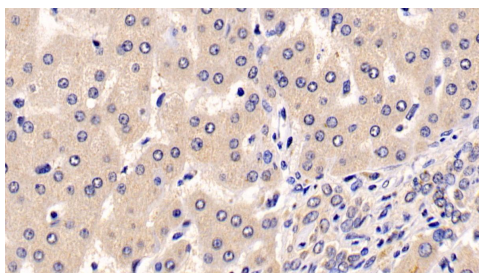
Store at 4°C for frequent use.

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]

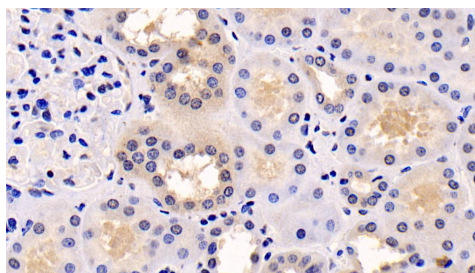


DAB staining on IHC-P;

Sample: Human Liver Tissue;

Primary Ab: 20 µg/ml Mouse Anti-Human
ERK1 Antibody

Second Ab: 2µg/mL HRP-Linked Caprine
Anti-Mouse IgG Polyclonal Antibody
(Catalog: SAA544Mu19)

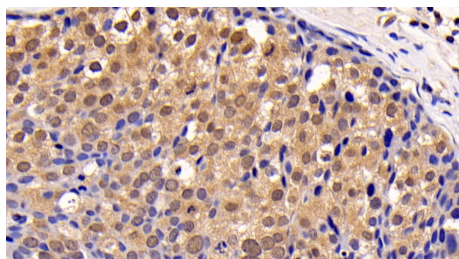


DAB staining on IHC-P;

Sample: Human Kidney Tissue;

Primary Ab: 20 µg/ml Mouse Anti-Human ERK1
Antibody

Second Ab: 2µg/mL HRP-Linked Caprine
Anti-Mouse IgG Polyclonal Antibody
(Catalog: SAA544Mu19)

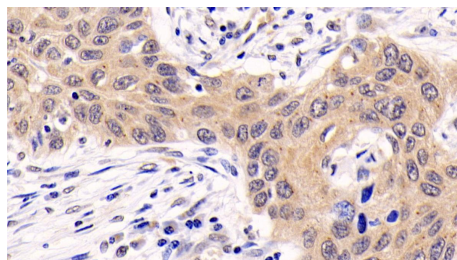


DAB staining on IHC-P;

Sample: Human Breast cancer Tissue;

Primary Ab: 20 µg/ml Mouse
Anti-Human ERK1 Antibody

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



DAB staining on IHC-P;

Sample: Human Lung cancer Tissue; Primary
Ab: 20 µg/ml Mouse Anti-Human ERK1 Antibody

Second Ab: 2µg/mL HRP-Linked Caprine
Anti-Mouse IgG Polyclonal Antibody
(Catalog: SAA544Mu19)

[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.