



CAA930Mi22

Anti-Extracellular Signal Regulated Kinase 2 (ERK2) Monoclonal Antibody

Organism Species: Multiple species

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+G Affinity Chromatography.

Clone number: C1

Traits: Liquid

Concentration: 1mg/mL

UOM: 100µL

Applications: WB

[IMMUNOGEN]

Immunogen: Recombinant ERK2 (Tyr25~Ser360) expressed in *E.coli*.

Accession No.: RPA930Mi02

[ORGANISM SPECIES MORE]

React with: Mouse;Rat;Cavia;Porcine;Bovine;Caprine;Gallus

[APPLICATIONS]

Western blotting: 0.01-2µg/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.

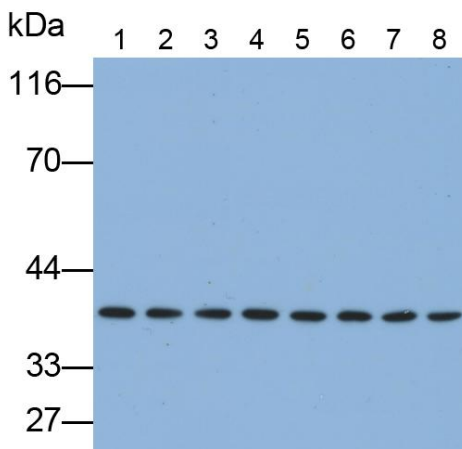
Store at 4°C for frequent use.

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]



Western Blot; Sample: Lane1: Porcine Cerebrum lysate;

Lane2: Rat Cerebrum lysate;

Lane3: Mouse Cerebrum lysate;

Lane4: Canine Cerebrum lysate;

Lane5: Gallus Cerebrum lysate;

Lane6: Bovine Cerebrum lysate;

Lane7: Cavia Cerebrum lysate;

Lane8: Caprine Cerebrum lysate

Primary Ab: 0.4µg/ml Mouse Anti-Multi-species ERK2 Antibody

Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody
(Catalog: SAA544Mu19)

[Important Note]

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.