



CAB357Mi22
Anti-Extracellular Signal Regulated Kinase 1 (ERK1) Monoclonal Antibody
Instruction manual

FOR RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Monoclonal antibody preparation

Host: Mouse

Purification: Protein A/G Affinity Chromatography.

Traits: Liquid

Concentration: 1mg/mL

UOM: 100µg

Applications: Loading Control of WB

[IMMUNOGEN]

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

Accession No.: RPB357Hu01

[ORGANISM SPECIES MORE]

React with: human, mouse, rat, cavia, ovine, canine, porcine, equine, gallus, and bovine;

Other species have not been detected.

[APPLICATIONS]

Western blotting: 1:500-2000

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 12 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]

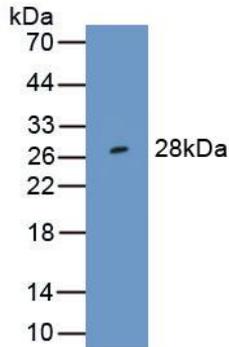


Figure 1. Western Blot

Sample: Recombinant ERK1, Human

[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.