

Product Datasheet

ERK1/2 antibody (orb420329)

Description

ERK1/2 antibody

Species/Host

Rabbit

Reactivity

Human, Mouse, Rat

Conjugation

Unconjugated

Tested

ELISA, WB

Applications
Immunogen

Anti-ERK1 Antibody was produced in rabbits by repeated immunizations with synthetic peptide corresponding to amino acid residues near the N-terminus conjugated to KLH.

Preservatives

0.01% (w/v) Sodium Azide

Form/Appearance

Liquid (sterile filtered)

Concentration

1.0 mg/mL

Storage

Store vial at -20° C or below prior to opening. This vial contains a relatively low volume of reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.

Note

For research use only

Application notes

Anti-ERK 1 (RABBIT) antibody has been tested in ELISA and Western Blotting. Specific conditions of reactivity should be optimized by the end user. Expect a band of approximately 43 kDa.

Isotype

IgG

Clonality

Polyclonal

Purity

This affinity purified antibody is directed against human ERK1 protein. Anti-ERK1 antibody was prepared from monospecific antiserum by immunoaffinity chromatography using synthetic peptide coupled to agarose beads followed by cross adsorption to remove any unwanted reactivity. Cross reactivity is expected to occur with human, mouse and rat based on sequence identity of the peptide immunogen. This antibody does not react with the ERK2 isoform.