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## Product Datasheet

### ERK1/2 antibody (Biotin) (orb420493)

**Description**

ERK1/2 antibody (Biotin)

**Species/Host**

Rabbit

**Reactivity**

Human, Mouse, Rat

**Conjugation**

Biotin

**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 is suitable for use 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 biotin conjugated 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