



ERK1 Rabbit pAb

db4966 Package: 20μL 50μL 100μL

Product Name: ERK1 Rabbit pAb

Cat.No.: db4966

Synonyms: ERK1; ERT2; ERK-1; PRKM3; P44ERK1; P44MAPK; HS44KDAP; HUMKER1A; p44-ERK1; p44-

MAPK

Application: WB, IHC, ICC/IF, FC, IP

Reactivity: Human, Mouse Host species: Rabbit

Background The protein encoded by this gene is a member of the MAP kinase family. MAP kinases, also

known as extracellular signal-regulated kinases (ERKs), act in a signaling cascade that regulates various cellular processes such as proliferation, differentiation, and cell cycle progression in response to a variety of extracellular signals. This kinase is activated by upstream kinases,

resulting in its translocation to the nucleus where it phosphorylates nuclear targets. Alternatively spliced transcript variants encoding different protein isoforms have been described. [provided by

RefSeq, Jul 2008]

Immunogen A synthetic peptide of human ERK1

Gene ID 5595

Swiss Prot P27361

Synonyms ERK1; ERT2; ERK-1; PRKM3; P44ERK1; P44MAPK; HS44KDAP; HUMKER1A; p44-ERK1;

p44-MAPK

Reactivity Human, Mouse

Application WB, IHC, ICC/IF, FC, IP

Recommended dilution WB: 1:1000

IHC: 1:50

ICC/IF: 1:100

FC: 1:20 IP: 1:20

Calculated MW 43 kDa

Observed MW 44 kDa

Host species Rabbit

Clonality Polyclonal



For Research Use Only **Product Datasheet**

Isotype IgG

Purity Affinity Purification

Conjugation Un-conjugated

Storage Stability Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium

azide and 0.05% BSA. Stable for 12 months from date of receipt.