Product **Datasheet**

Anti-ERK2 Rabbit pAb

WL01452

For Research Use Only.Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-ERK2 Rabbit pAb
Source	Rabbit
Species reactivity	Human, Mouse, Rat
Tested applications	WB 1:1000-1:2000
Pack size	50/100/200/500/1000µl
Storage	Store at -20°C. Avoid freeze/thaw cycles.
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide

General Information

Background

ERK2 gene encodes a member of the MAP kinase family. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. ERKs are a widely conserved family of serine/threonine protein kinases. The p44/42 MAPK (Erk1/2) signaling pathway can be activated in response to a diverse range of extracellular stimuli including mitogens, growth factors, and cytokines, and research investigators consider it an important target in the diagnosis and treatment of cancer.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of ERK2.

Purification

Polyclonal antibody was purified by protein A affinity chromatography.

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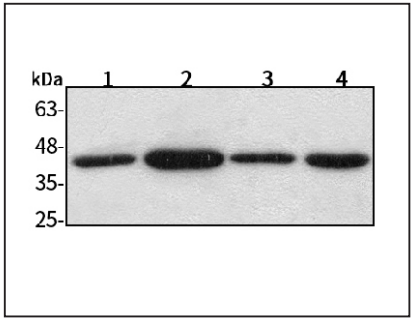
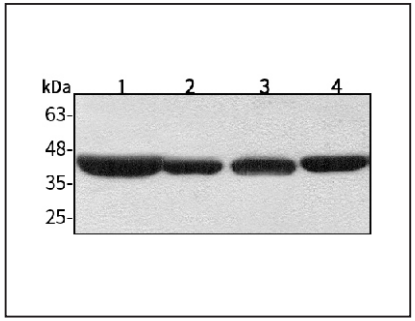
Product Images



Western blot-Anti-ERK2 pAb

Lane 1: Human HepG2 cell lysate
Lane 2: Human Hela cell lysate
Lane 3: Human BGC-823 cell lysate
Lane 4: Human MGC-803 cell lysate
All lanes: Anti-ERK2 at 1:1000 dilution
Lysates/proteins at 20-50 µg per lane.
Predicted band size: 42 kDa
Observed band size: 42 kDa



Western blot-Anti-ERK2 pAb

Lane 1: Mouse kidney tissue lysate
Lane 2: Mouse testicle tissue lysate
Lane 3: Rat brain tissue lysate
Lane 4: Rat stomach tissue lysate
All lanes: Anti-ERK2 at 1:1000 dilution
Lysates/proteins at 20-50 µg per lane.
Predicted band size: 42 kDa
Observed band size: 42 kDa

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