**German Research Products - GRP GmbH** 

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## **Product Datasheet**

## ERK1(T202/Y204)+ERK2(T183/Y185) Antibody GRP420

**Description** 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 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. The activation of this kinase requires its phosphorylation by upstream kinases. Upon activation, this kinase translocates to the nucleus of the stimulated cells, where it phosphorylates nuclear targets. Two alternatively spliced transcript variants encoding the same protein, but differing in the UTRs, have been reported for this

gene.

Species/Host Rabbit

Reactivity Human, Mouse, Rat

Conjugation Unconjugated

Tested Applications IHC-P, WB

Immunogen KLH conjugated synthetic phosphopeptide derived from human

ERK2 around the phosphorylation site of Thr183/Tyr185

(public\_immunogen\_range: 155-205/360)

Form/Appearance Aqueous buffered solution containing 1% BSA, 50% glycerol and

0.09% sodium azide.

Concentration 1ug/ul

Storage Store at -20°C for 12 months.

**Note** For research use only.

**Isotype** IgG

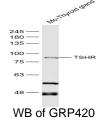
**Clonality** Polyclonal

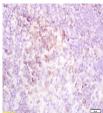
**Purity** Purified by Protein A.

Uniprot ID P28482

Entrez 55945595

**Dilution Range** WB: 1:300-1000, IHC-P: 1:200-400





IHC-P of GRP420