Product Datasheet

p44/42 MAP Kinase(Ab-202) Antibody

Catalog No: #21237

Package Size: #21237-1 50ul #21237-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	p44/42 MAP Kinase(Ab-202) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total p44/42 MAP Kinase protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa. 200~204 (F-L-T-E-Y) derived from Human p44/42 MAP Kinase.
Target Name	p44/42 MAP Kinase
Other Names	Extracellular signal-regulated kinase 1
Accession No.	Swiss-Prot: P27361NCBI Protein: NP_001035145.1
Uniprot	P27361
GeneID	5595;
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

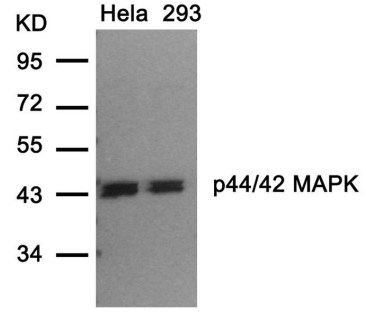
Application Details

Predicted MW: 42 44 kd

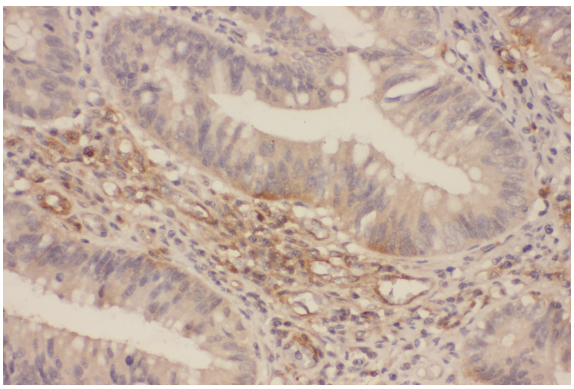
Western blotting: 1:500~1:1000

Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from Hela and 293 cells using p44/42 MAP Kinase(Ab-202) Antibody #21237.



Immunohistochemical analysis of paraffin-embedded human Colorectal tissue using p44/42 MAP Kinase (Ab-202) Antibody #21237.

Background

Involved in both the initiation and regulation of meiosis, mitosis, and postmitotic functions in differentiated cells by phosphorylating a number of transcription factors such as ELK-1. Phosphorylates EIF4EBP1; required for initiation of translation. Phosphorylates microtubule-associated protein 2 (MAP2). Phosphorylates SPZ1

TETE HANNKEN, et al. (2000) Am Soc Nephrol 11:1387-1397

Omar D. PerezNature et al. (2002) Biotechnology 20: 155 - 162

Jingui Yu, et al. (2005) Anesth Analg 101: 315-321

Hironobu Ihn et al.(2000) Immunology 165: 2149-2155

Note: This product is for in vitro research use only