

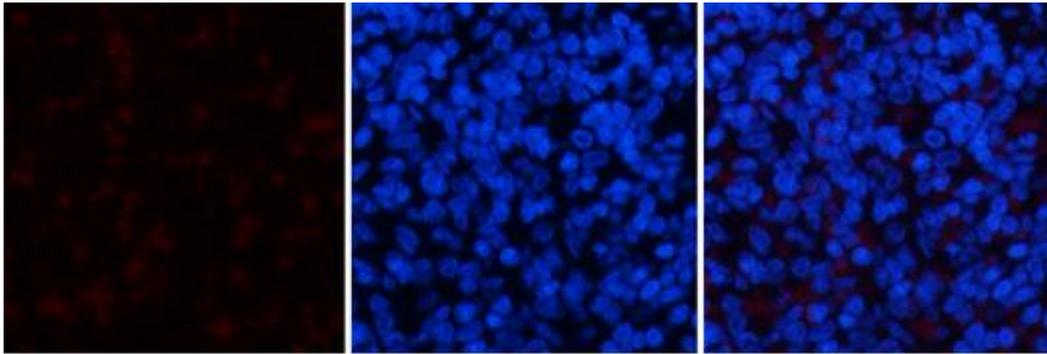
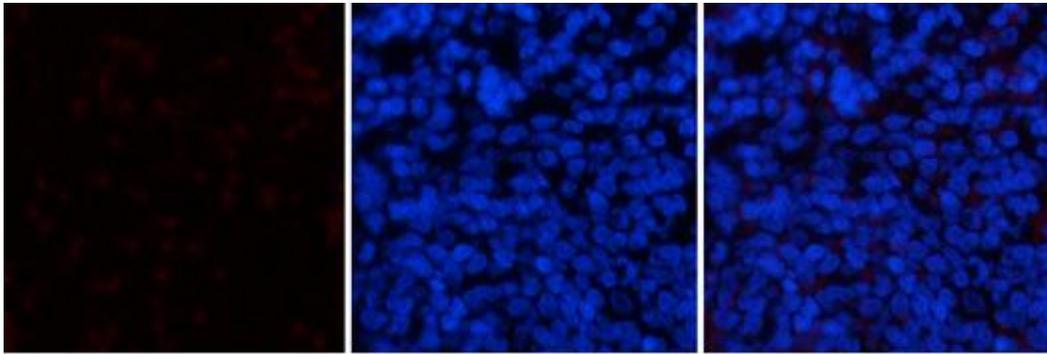
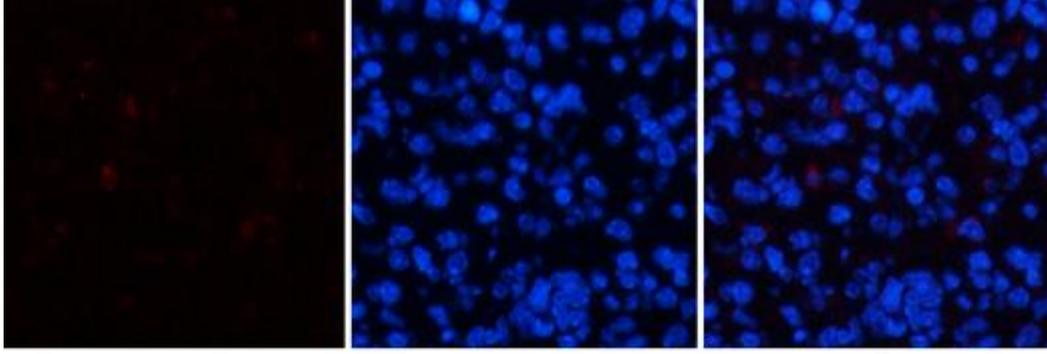
ERK 1/2 (phospho Tyr204) Polyclonal Antibody

Cat# A20378PI- 20/50/100 ug

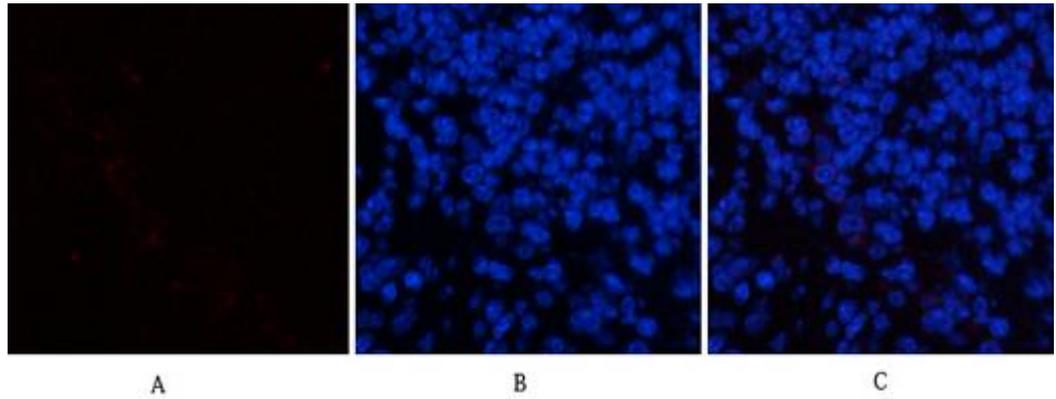
Storage at -20 °C for 1 year

INFORMATION

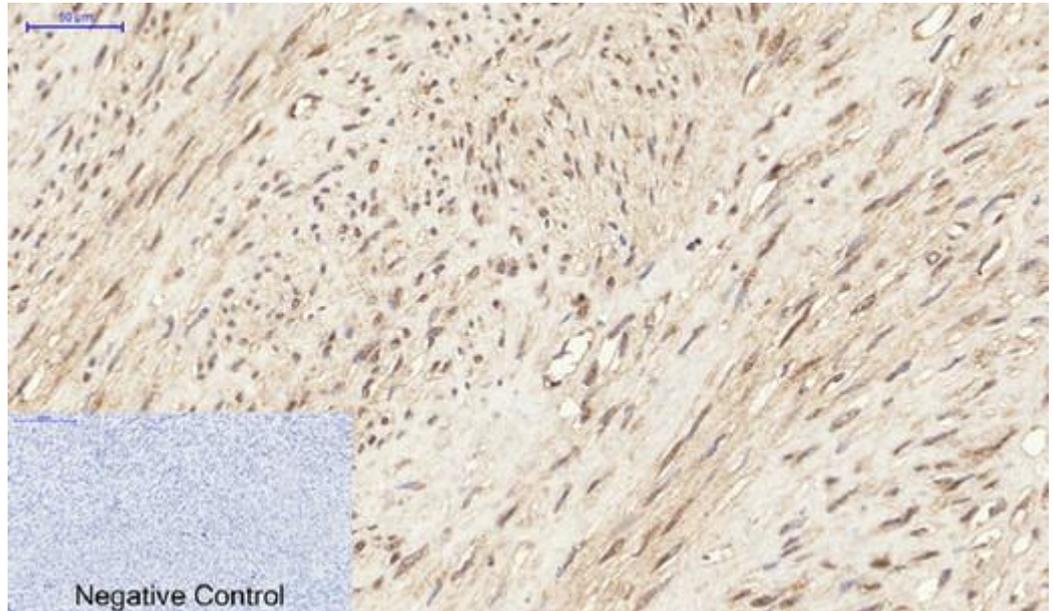
Product Name	ERK 1/2 (phospho Tyr204) Polyclonal Antibody
Cat. No.	A20378PI
Product type	Primary antibodies
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Host	Rabbit
Size	20 ug/50 ug/100 ug
Uniprot	Human: P27361/P28482 / Rat: P21708/P63086
Gene name	Mitogen-activated protein kinase 3
Protein name	Mitogen-activated protein kinase 3
Immunogen	The antiserum was produced against synthesized peptide derived from human p44/42 MAP Kinase around the phosphorylation site of Tyr204. AA range:170-219
Specificity	Phospho-ERK 1/2 (Y204) Polyclonal Antibody detects endogenous levels of ERK 1/2 protein only when phosphorylated at Y204.
Tested applications	WB, IHC-p, IF, ELISA
Application	WB : 1:500-1:2000/IHC : 1:100-1:300/IF : 1:200-1:1000/ELISA: 1:10000. Not yet tested in other applications.
Conjugation	None
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration	1 mg/mL
Molecular Weight	44+42 kDa
Stock buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage instruction	Store at -20°C for 1 year.
Alias	MAPK3; ERK1; PRKM3; Mitogen-activated protein kinase 3; MAP kinase 3; MAPK 3; ERT2; Extracellular signal-regulated kinase 1; ERK-1; Insulin-stimulated MAP2 kinase; MAP kinase isoform p44; p44-MAPK; Microtubule-associated protein 2 kinase; p

<p>Image</p>	 <p style="text-align: center;">A B C</p>
	<ul style="list-style-type: none"> Immunofluorescence analysis of rat-spleen tissue. 1,ERK 1/2 (phospho Tyr204) Polyclonal Antibody(red) was diluted at 1:200(4°C,overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B
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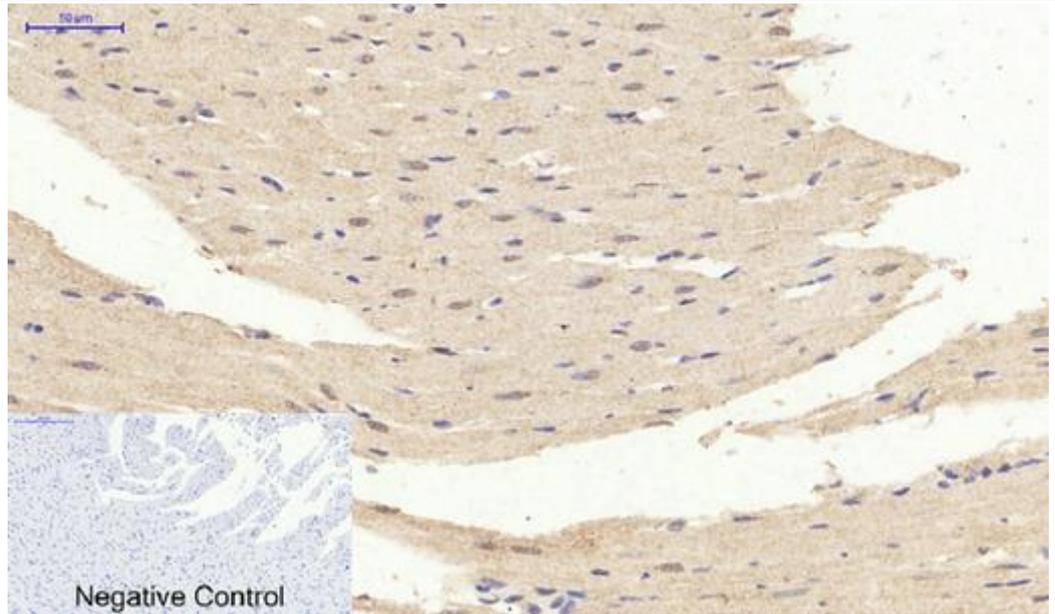
DAPI. Picture C: merge of A+B



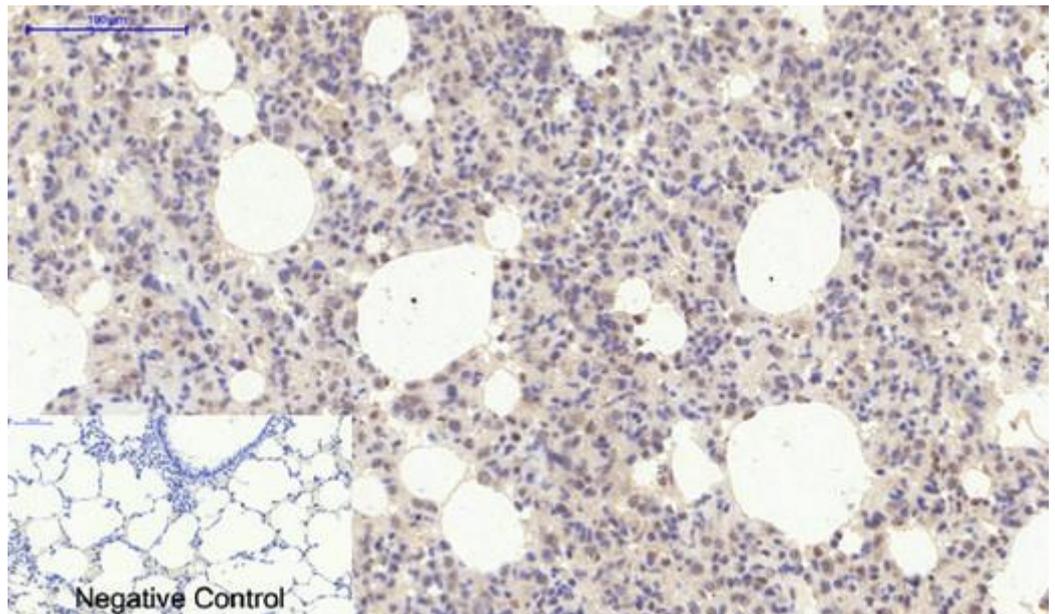
- ♦ Immunofluorescence analysis of mouse-spleen tissue. 1, ERK 1/2 (phospho Tyr204) Polyclonal Antibody (red) was diluted at 1:200 (4°C, overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300 (room temperature, 50 min). 3, Picture B: DAPI (blue) 10 min. Picture A: Target. Picture B: DAPI. Picture C: merge of A+B



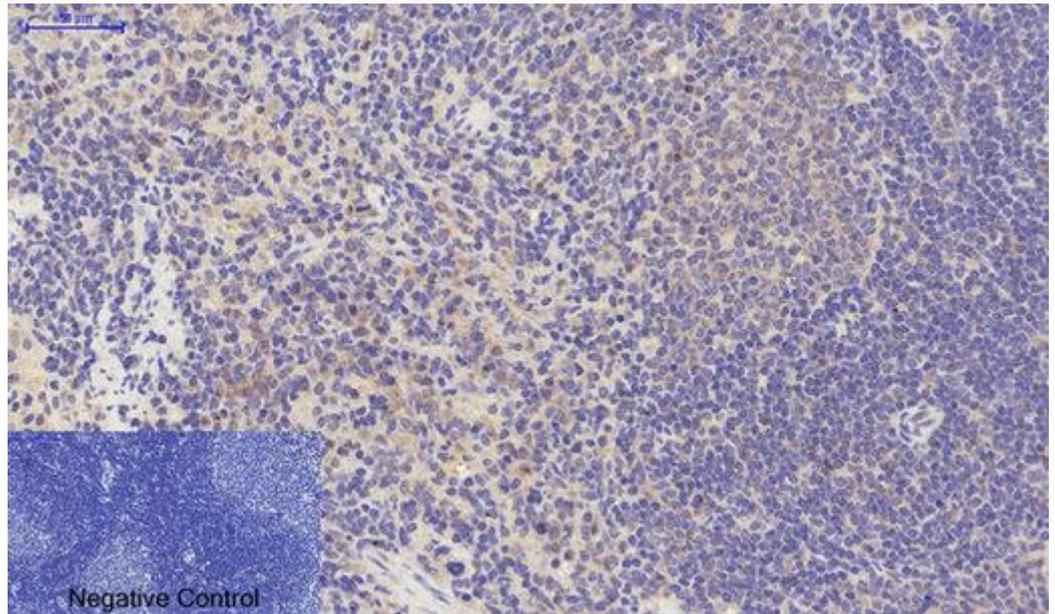
- ♦ Immunohistochemical analysis of paraffin-embedded human-uterus tissue. 1, ERK 1/2 (phospho Tyr204) Polyclonal Antibody was diluted at 1:200 (4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20 min). 3, Secondary antibody was diluted at 1:200 (room temperature, 30 min). Negative control was used by secondary antibody only.



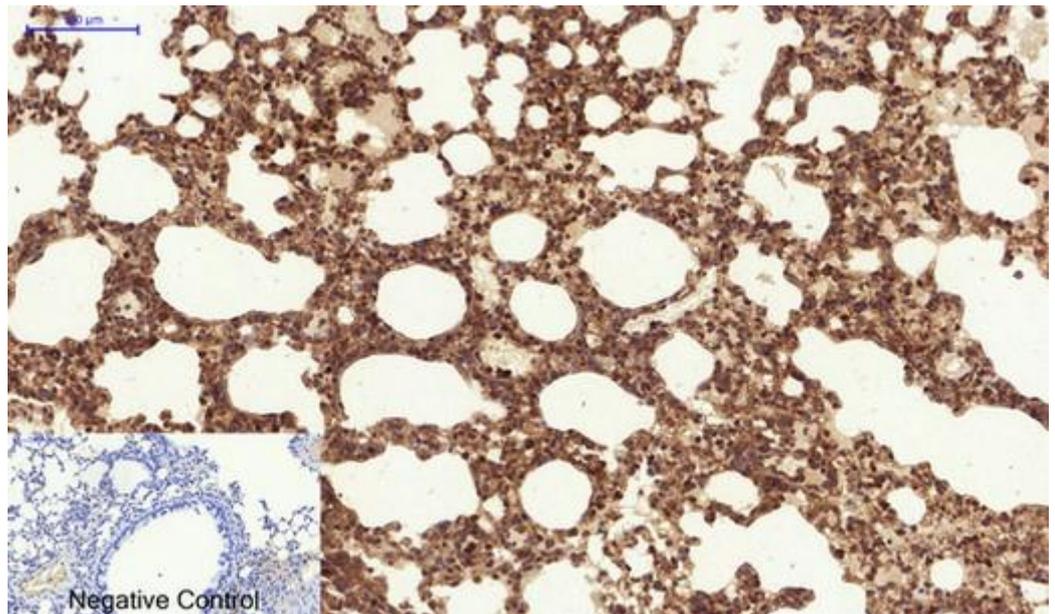
- ♦ Immunohistochemical analysis of paraffin-embedded Rat-heart tissue. 1,ERK 1/2 (phospho Tyr204) Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98 °C,20min). 3,Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.



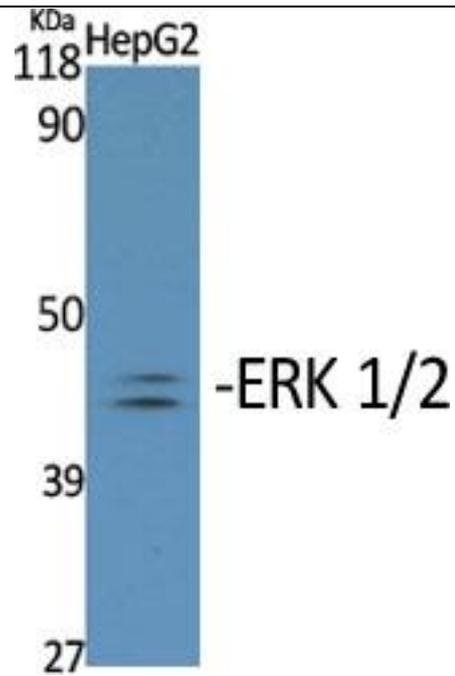
- ♦ Immunohistochemical analysis of paraffin-embedded Rat-lung tissue. 1,ERK 1/2 (phospho Tyr204) Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98 °C,20min). 3,Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.



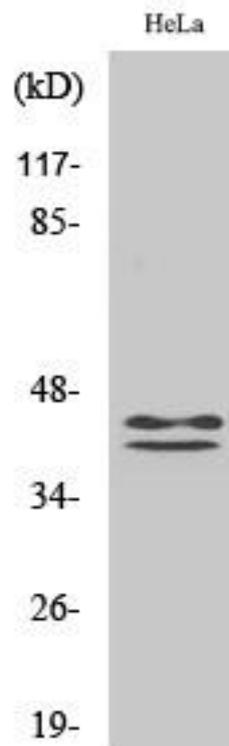
- ♦ Immunohistochemical analysis of paraffin-embedded Rat-spleen tissue. 1,ERK 1/2 (phospho Tyr204) Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98 °C,20min). 3,Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.



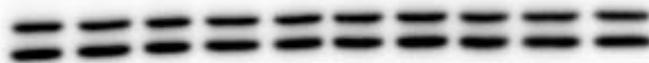
- ♦ Immunohistochemical analysis of paraffin-embedded Mouse-lung tissue. 1,ERK 1/2 (phospho Tyr204) Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98 °C,20min). 3,Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.



- Western Blot analysis of various cells using Phospho-ERK 1/2 (Y204) Polyclonal Antibody diluted at 1 : 2000



- Western Blot analysis of HeLa cells using Phospho-ERK 1/2 (Y204) Polyclonal Antibody diluted at 1 : 2000



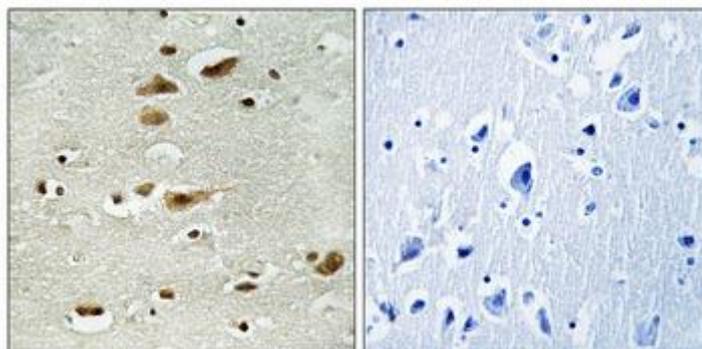
Nanjing Normal University

- ♦ The picture was kindly provided by our customer



The First Affiliated Hospital of China Medical University
Dr. HouDianDong

- ♦ The picture was kindly provided by our customer.



- ♦ Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4°,overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.

PRODUCT USE LIMITATION

These products are intended for research use only.