



ERK 1/2 (phospho Tyr222/205) Polyclonal Antibody

Catalog_no :	AP0497
Applications :	IF,WB,IHC-p,ELISA
Reactivity :	Human,Mouse,Rat
Category :	抗原抗体
Size :	100µg/50µg/20µg
Gene_name :	MAPK1/MAPK3
Protein_name :	Mitogen-activated protein kinase 1
Humangene_id :	5594/5595
Humanswissprot_no :	P28482/P27361
Mousegene_id :	26413/26417
Ratgene_id :	116590/50689
Ratswissprot_no :	P63086/P21708
Immunogen :	Synthesized phospho-peptide around the phosphorylation site of human ERK 1/2 (phospho Tyr222/205)
Specificity :	Phospho-ERK 1/2 (Y222/205) Polyclonal Antibody detects endogenous levels of ERK 1/2 protein only when phosphorylated at Y222/205.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Rabbit
Dilution :	IF: 1:50-200 WB 1:500-2000, IHC 1:50-300 IHC 1:50-300
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage_stability :	-20°C/1 year
Msds :	MSDS_Antibody.pdf
Other_name :	MAPK1; ERK2; PRKM1; PRKM2; Mitogen-activated protein kinase 1; MAP kinase 1; MAPK 1; ERT1; Extracellular signal-regulated kinase 2; ERK-2; MAP kinase isoform p42;

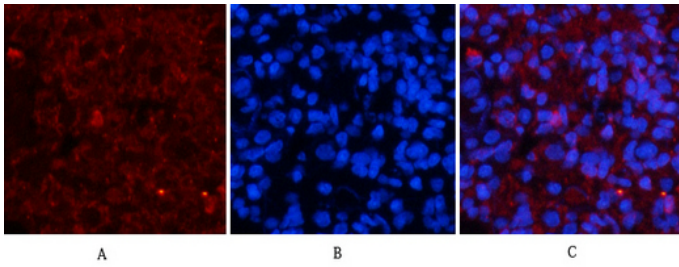


p42-MAPK; Mitogen-activated protein kinase 2; MAP kinase 2; MAPK 2; MAPK3; ER

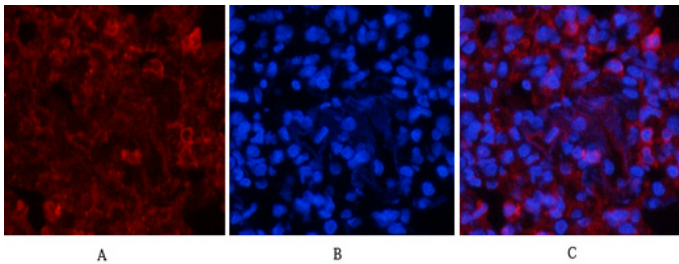
Molecular
Weight :

44KD

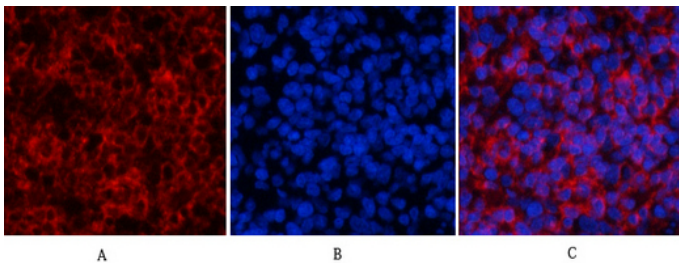
Product Images



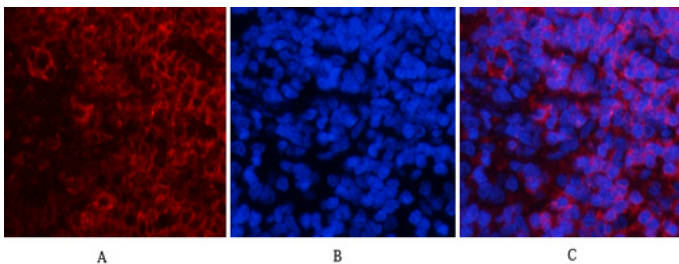
Immunofluorescence analysis of rat-lung tissue. 1,ERK 1/2 (phospho Tyr222/205) Polyclonal Antibody(red) was diluted at 1:200(4°C,overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



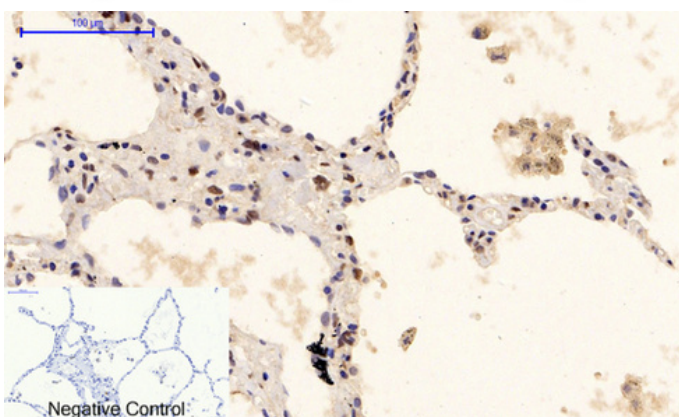
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Immunofluorescence analysis of rat-spleen tissue. 1,ERK 1/2 (phospho Tyr222/205) Polyclonal Antibody(red) was diluted at 1:200(4°C,overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B

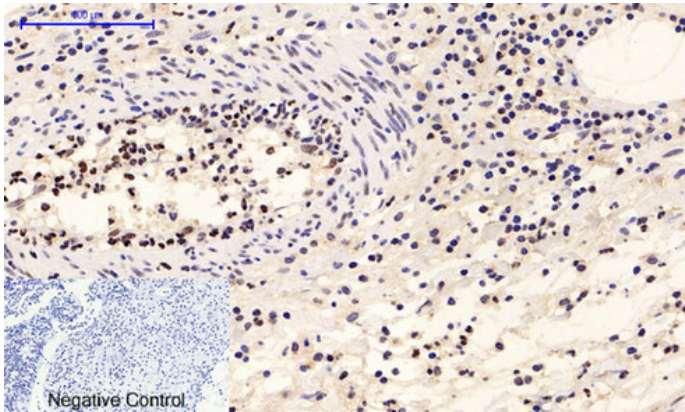


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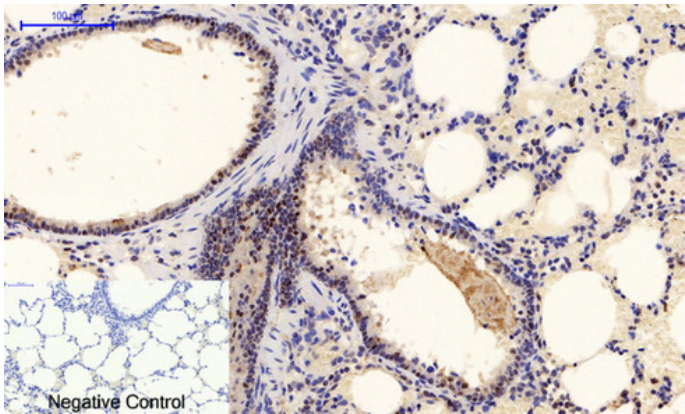


Immunohistochemical analysis of paraffin-embedded Human-lung tissue. 1,ERK 1/2 (phospho Tyr222/205) Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.

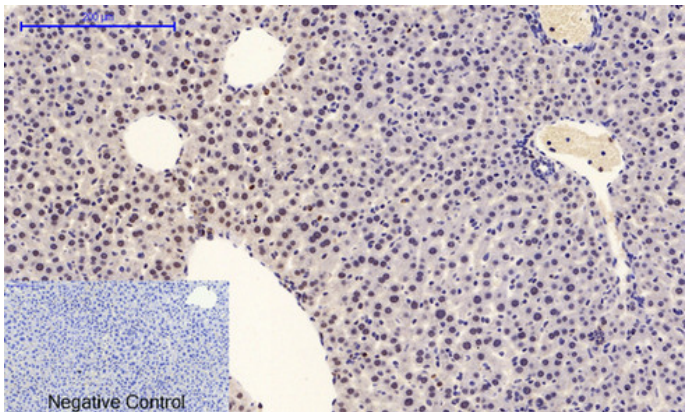
Immunohistochemical analysis of paraffin-embedded Human-Appendix tissue. 1,ERK 1/2 (phospho Tyr222/205) Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary



antibody only.

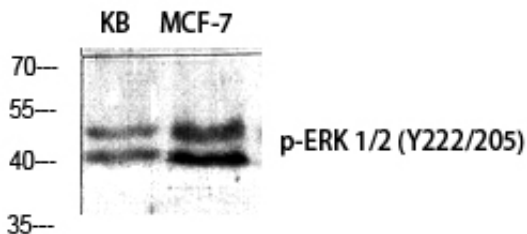


Immunohistochemical analysis of paraffin-embedded Rat-lung tissue. 1, ERK 1/2 (phospho Tyr222/205) Polyclonal Antibody was diluted at 1:200 (4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20min). 3, Secondary antibody was diluted at 1:200 (room temperature, 30min). Negative control was used by secondary antibody only.



Immunohistochemical analysis of paraffin-embedded Mouse-liver tissue. 1, ERK 1/2 (phospho Tyr222/205) 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 (Y222/205) Polyclonal Antibody diluted at 1 : 500



Western Blot analysis of KB cells using Phospho-ERK 1/2 (Y222/205) Polyclonal Antibody diluted at 1 : 500

