

Product Datasheet

ERK1 Antibody (1E5) - BSA Free NBP2-22203

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-22203

ERK1 Antibody (1E5) - BSA Free

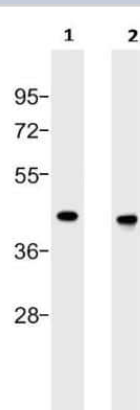
Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1E5
Preservative	0.03% Sodium Azide
Isotype	IgG1
Purity	Unpurified
Buffer	Ascites
Target Molecular Weight	44 kDa

Product Description	
Host	Mouse
Gene ID	5595
Gene Symbol	MAPK3
Species	Human, Mouse, Rat, Monkey
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Immunogen	Purified recombinant fragment of human ERK1 expressed in E. Coli.

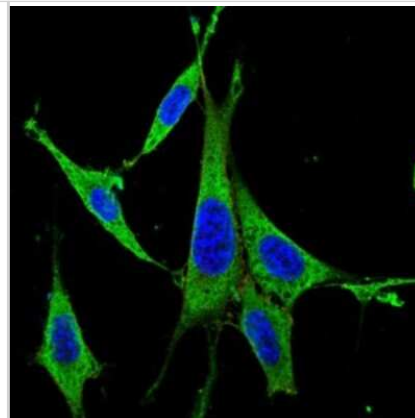
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:200-1:400, ELISA 1:10000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:200-1:1000, Immunohistochemistry-Paraffin 1:200-1:1000

Images

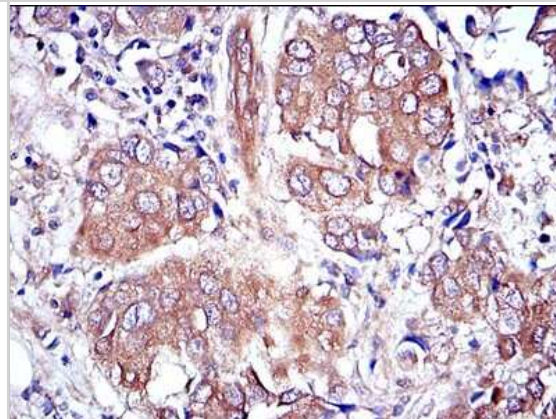
Western Blot: ERK1 Antibody (1E5) [NBP2-22203] - Western blot analysis of whole cell lysates from (1) MCF7 (2) NIH3T3 cell lines using ERK1 antibody (clone 1E5) at 1:1000 dilution. The signal was developed using HRP labeled goat-anti Mouse secondary antibody with ECL based detection.



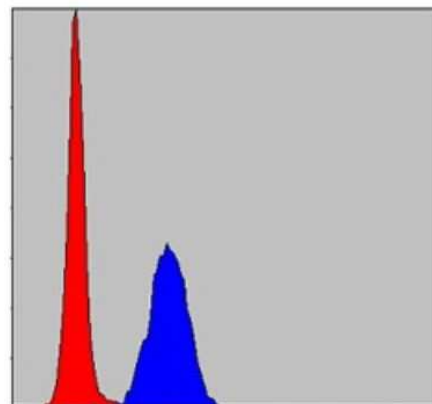
Immunocytochemistry/Immunofluorescence: ERK1 Antibody (1E5) [NBP2-22203] - Analysis of NIH/3T3 cells using ERK1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



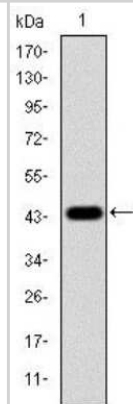
Immunohistochemistry-Paraffin: ERK1 Antibody (1E5) [NBP2-22203] - Immunohistochemical analysis of paraffin-embedded breast cancer tissues using ERK1 mouse mAb with DAB staining.



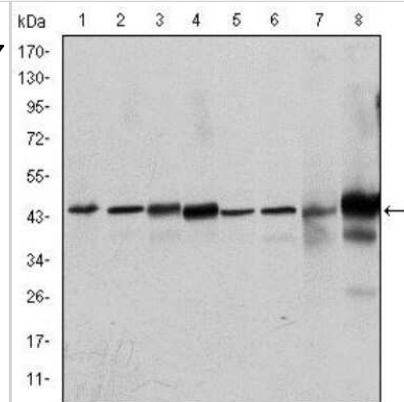
Flow Cytometry: ERK1 Antibody (1E5) [NBP2-22203] - Flow cytometric analysis of Hela cells using ERK1 mouse mAb (blue) and negative control (red).



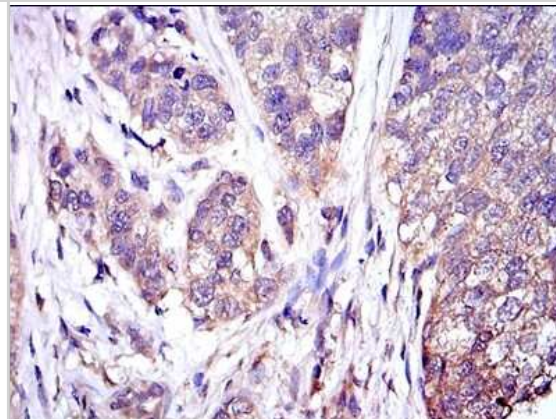
Western Blot: ERK1 Antibody (1E5) [NBP2-22203] - Analysis using MAPK3 mAb against human ERK1 (AA: 9-143) recombinant protein. (Expected MW is 40.8 kDa)



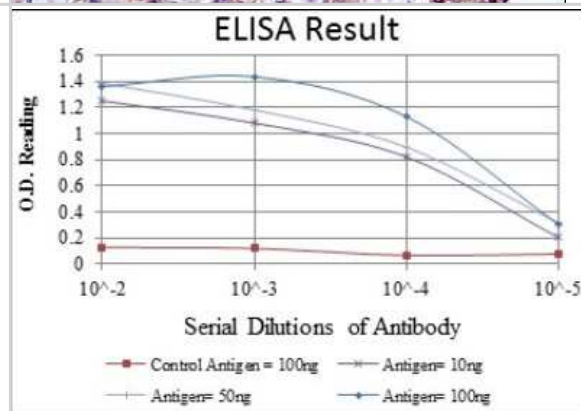
Western Blot: ERK1 Antibody (1E5) [NBP2-22203] - Western blot analysis using ERK1 mouse mAb against Hela (1), Jurkat (2), RAW264.7 (3), HEK293 (4), K562 (5), NIH/3T3 (6), Cos7 (7) and PC-12 (8) cell lysate.



Immunohistochemistry-Paraffin: ERK1 Antibody (1E5) [NBP2-22203] - Analysis of paraffin-embedded bladder cancer tissues using ERK1 mouse mAb with DAB staining.



ELISA: ERK1 Antibody (1E5) [NBP2-22203] - Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng)



Publications

Hattler JB, Irons DL, Luo J, Kim WK Downregulation of CCR5 on brain perivascular macrophages in simian immunodeficiency virus-infected rhesus macaques Brain and behavior 2023-06-27 [PMID: 37366075]



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Products Related to NBP2-22203

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-48333-0.1mg	Recombinant Human ERK1 His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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