

Product Datasheet

ERK1/2 Antibody (B20-U)

NBP1-30128-0.025ml

Unit Size: 0.025 ml

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

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NBP1-30128-0.025ml

ERK1/2 Antibody (B20-U)

Product Information	
Unit Size	0.025 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	B20-U
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	20mM Tris/HCl (pH 8.0) and 10 mg/ml BSA

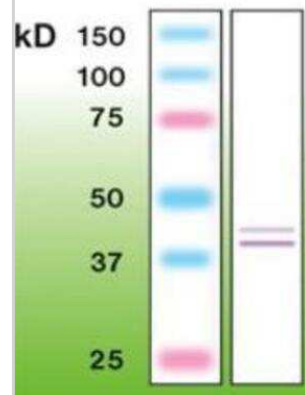
Product Description	
Description	This antibody is immunoaffinity purified with immunogenic peptide as a ligand.
Host	Rabbit
Gene ID	5595
Gene Symbol	MAPK3
Species	Human, Mouse, Rat
Specificity/Sensitivity	Major clone of IgGs representing both, Erk1 (Gene ID: 5595, UniProt: P27361) and Erk2 (Gene ID: 5594, UniProt: P28482), obtained from immunoaffinity purified immunoglobulins corresponding to immunogenic peptide.
Immunogen	Peptide derived from C-terminal sequence of human Erk2. Antibody recognizes the epitope located between Ile319 - Tyr333
Notes	This antibody is immunoaffinity purified with immunogenic peptide as a ligand.

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:5000, ELISA 1:20000-1:100000, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunoprecipitation 1:10-1:500
Application Notes	For western blots, incubate the membrane with antibody diluted in blocking buffer 2 hours at room temperature. Western immunoblotting solutions: Wash buffer: 1x Tris Buffered Saline (TBS); 0.2% Triton X-100. Blocking buffer: 1xTBS; 0.2% Triton X-100; 8% nonfat dry milk.

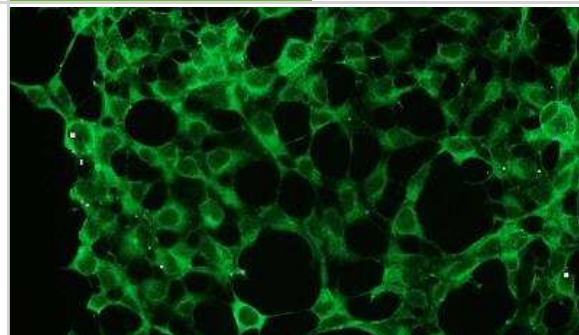


Images

Western Blot: ERK1/2 Antibody (B20-U) [NBP1-30128] - Left Lane: Marker, Right Lane: Rat brain crude lysate (100ug of protein loaded).



Immunocytochemistry/Immunofluorescence: ERK1/2 Antibody (B20-U) [NBP1-30128] - Expression in HEK293 cells.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA

Phone: 303.730.1950

Toll Free: 1.888.506.6887

Fax: 303.730.1966

nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada

Phone: 905.827.6400

Toll Free: 855.668.8722

Fax: 905.827.6402

canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom

Phone: (44) (0) 1235 529449

Free Phone: 0800 37 34 15

Fax: (44) (0) 1235 533420

info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com

Technical Support: nb-technical@bio-techne.com

Orders: nb-customerservice@bio-techne.com

General: novus@novusbio.com

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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