

# Product Datasheet

## ERK2 Antibody (C3B12-R) NBP3-32273

Unit Size: 100 ul

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

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**NBP3-32273**

ERK2 Antibody (C3B12-R)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	C3B12-R
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	41 kDa
Product Description	
Host	Mouse
Gene ID	5594
Gene Symbol	MAPK1
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within human ERK2 aa 200-360. (Uniprot: P28482)
Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 1:1000



## Images

Western Blot: ERK2 Antibody (C3B12-R) [NBP3-32273] - Western blot analysis of ERK2 on different lysates with Mouse anti-ERK2 antibody (NBP3-32273) at 1/1,000 dilution.

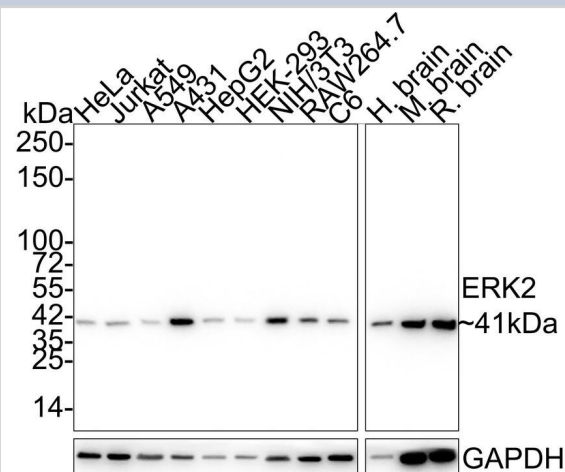
Lane 1: HeLa cell lysate (20 ug/Lane)  
 Lane 2: Jurkat cell lysate (20 ug/Lane)  
 Lane 3: A549 cell lysate (20 ug/Lane)  
 Lane 4: A431 cell lysate (20 ug/Lane)  
 Lane 5: HepG2 cell lysate (20 ug/Lane)  
 Lane 6: HEK-293 cell lysate (20 ug/Lane)  
 Lane 7: NIH/3T3 cell lysate (20 ug/Lane)  
 Lane 8: RAW264.7 cell lysate (20 ug/Lane)  
 Lane 9: C6 cell lysate (20 ug/Lane)  
 Lane 10: Human brain tissue lysate (40 ug/Lane)  
 Lane 11: Mouse brain tissue lysate (40 ug/Lane)  
 Lane 12: Rat brain tissue lysate (40 ug/Lane)

Predicted band size: 41 kDa  
 Observed band size: 41 kDa

Exposure time: 43 seconds;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32273) at 1/1,000 dilution was used in 5% NFDM/TBST at 4C overnight. Alpaca Anti-Mouse IgG - HRP for IP Nano-Secondary Antibody (NBI02H) at 1/5,000 dilution was used for 1 hour at room temperature.





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### **Products Related to NBP3-32273**

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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)
NBP1-30309	Recombinant Human ERK2 His Protein

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### **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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