

# Product Datasheet

## ERK2 Antibody (5-D2-R) NBP3-32317

Unit Size: 100 ul

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

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**NBP3-32317**

ERK2 Antibody (5-D2-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                       | 5-D2-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         |   |
| Description                 | Novus Biologicals Mouse ERK2 Antibody (5-D2-R) (NBP3-32317) is a recombinant monoclonal antibody validated for use in WB. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                        | Mouse   |
| Gene ID                     | 5594  |
| Gene Symbol                 | MAPK1   |
| Species                     | Human, Mouse, Rat   |
| Immunogen                   | Recombinant protein within human ERK2 aa aa 200-359. (Uniprot: P28482)  |
| Product Application Details |   |
| Applications                | Western Blot  |
| Recommended Dilutions       | Western Blot 1:1000   |



## Images

Western Blot: ERK2 Antibody (5-D2-R) [NBP3-32317] - Western blot analysis of ERK2 on different lysates with Mouse anti-ERK2 antibody (NBP3-32317) at 1/1,000 dilution.

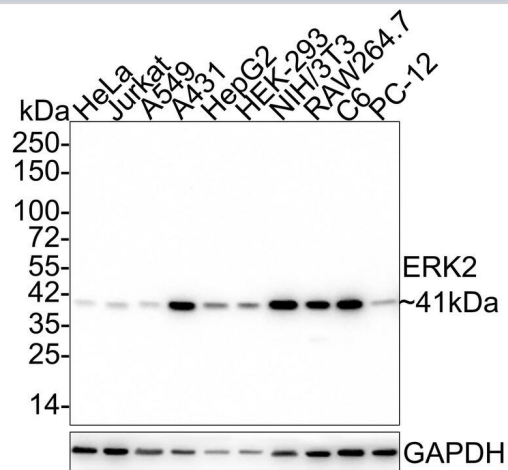
Lane 1: HeLa cell lysate (20 ug/Lane)  
 Lane 2: Jurkat cell lysate (20 ug/Lane)  
 Lane 3: A549 cell lysate (20 ug/Lane)  
 Lane 4: A431 cell lysate (20 ug/Lane)  
 Lane 5: HepG2 cell lysate (20 ug/Lane)  
 Lane 6: HEK-293 cell lysate (20 ug/Lane)  
 Lane 7: NIH/3T3 cell lysate (20 ug/Lane)  
 Lane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

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

Exposure time: 3 minutes;

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 (NBP3-32317) 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 NBP3-32317**

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|                  |  |
|------------------|--|
| NBP2-33376H      | Blue Marker Antibody (6F4-F6) [HRP]                |
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]       |
| NB7539           | Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1)                   |

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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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