

Product Datasheet

ERK1/2 [p Thr202, p Thr185] Antibody (SZ2-4) NBP2-67359

Unit Size: 100 ul

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

www.novusbio.com



technical@novusbio.com

Reviews: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-67359

Updated 1/3/2023 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-67359



NBP2-67359

ERK1/2 [p Thr202, p Thr185] Antibody (SZ2-4)

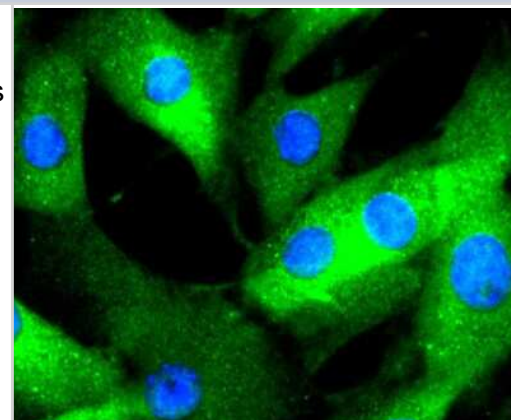
| Product Information | |
|---------------------|--|
| Unit Size | 100 ul |
| Concentration | 1 mg/ml |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | SZ2-4 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG |
| Purity | Protein A purified |
| Buffer | TBS (pH7.4), 0.05% BSA, 40% Glycerol |

| Product Description | |
|---------------------|--|
| Host | Rabbit |
| Gene Symbol | MAPK3 |
| Species | Human, Mouse, Canine |
| Reactivity Notes | Canine reactivity reported from a verified customer review. |
| Immunogen | Synthetic phospho-peptide corresponding to residues surrounding Thr185 of Human ERK1/2. (SwissProt: P27361 Human; SwissProt: P28482 Human; SwissProt: P63085 Mouse; SwissProt: Q63844 Mouse) |

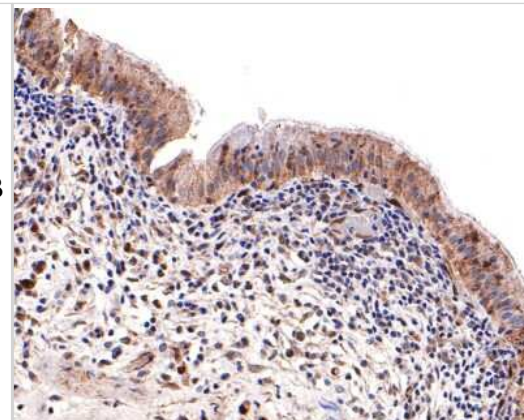
| Product Application Details | |
|-----------------------------|---|
| Applications | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot 1:1000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100-1:500, Immunohistochemistry-Paraffin 1:50-1:200 |
| Application Notes | ERK1/2 [p Thr202, p Thr185] antibody validated for IHC-P from a verified customer review. |

Images

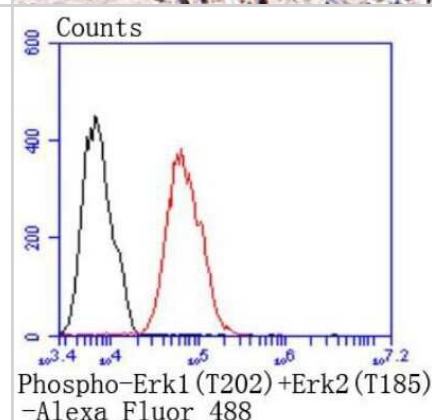
Immunocytochemistry/Immunofluorescence: ERK1/2 [p Thr202, p Thr185] Antibody (SZ2-4) [NBP2-67359] - Staining Phospho-Erk1 (T202)+Erk2(T185) in NIH/3T3 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X-100/PBS.



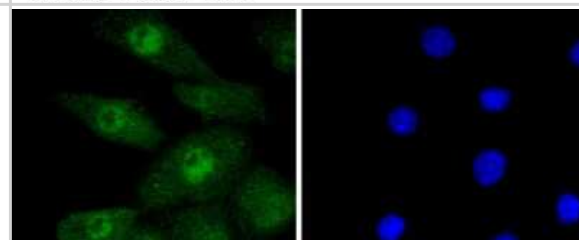
Immunohistochemistry-Paraffin: ERK1/2 [p Thr202, p Thr185] Antibody (SZ2-4) [NBP2-67359] - Analysis of paraffin-embedded human gallbladder tissue with Rabbit anti-ERK1/2[p Thr202, pThr185] antibody washed with ddH₂O and PBS, and then probed with the primary antibody at 1/100 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



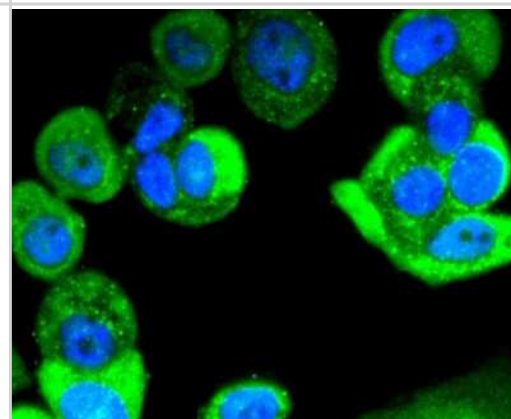
Flow Cytometry: ERK1/2 [p Thr202, p Thr185] Antibody (SZ2-4) [NBP2-67359] - Analysis of MCF-7 cells with Phospho-Erk1(T202)+Erk2(T185) antibody at 1:50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as secondary antibody.



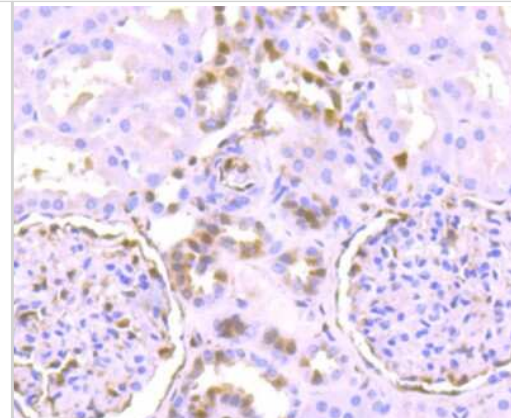
Immunocytochemistry/Immunofluorescence: ERK1/2 [p Thr202, p Thr185] Antibody (SZ2-4) [NBP2-67359] - Staining Phospho-Erk1 (T202)+Erk2(T185) in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



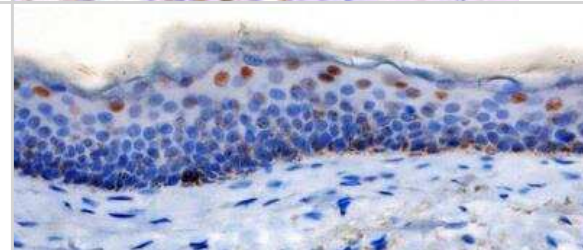
Immunocytochemistry/Immunofluorescence: ERK1/2 [p Thr202, p Thr185] Antibody (SZ2-4) [NBP2-67359] - Staining Phospho-Erk1 (T202)+Erk2(T185) in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X-100/PBS.



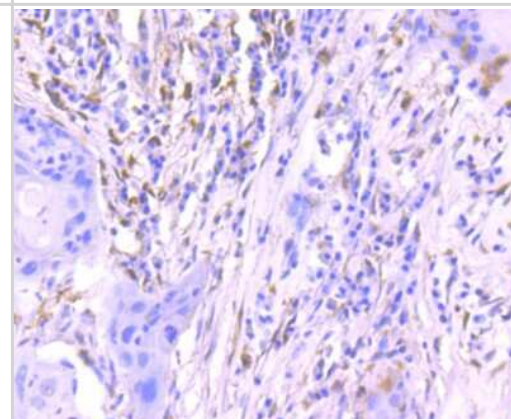
Immunohistochemistry-Paraffin: ERK1/2 [p Thr202, p Thr185] Antibody (SZ2-4) [NBP2-67359] - Analysis of paraffin-embedded human kidney tissue using anti-Phospho-Erk1(T202)+Erk2(T185) antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: ERK1/2 [p Thr202, p Thr185] Antibody (SZ2-4) [NBP2-67359] - Staining in canine epidermis. Antigen retrieval: citrate buffer (pH 6.0) for 10 minutes at 121C. Blocking of nonspecific reactions in 3% hydrogen peroxide in methanol at room temperature for 5min, followed by 8% skimmed milk at 37C for 40min. Primary antibody dilution: 1:100 and Secondary antibody: Dako EnVision + System. Reaction products were visualized with 0.05% 3,3'-diaminobenzidine (DAB) and 0.03% hydrogen peroxide in Tris-hydrochloric buffer and then counterstained with Mayer's hematoxylin. IHC-P image submitted by verified customer review.



Immunohistochemistry-Paraffin: ERK1/2 [p Thr202, p Thr185] Antibody (SZ2-4) [NBP2-67359] - Analysis of paraffin-embedded human lung cancer tissue using anti-Phospho-Erk1(T202)+Erk2(T185) antibody. Counter stained with hematoxylin.





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

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-67359

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

