Product Datasheet

ERK1/2 [p Thr202, p Tyr204, p Thr185, p Tyr187] Antibody (SC58-01)
NBP2-67555

Unit Size: 100 ul

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

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NBP2-67555

ERK1/2 [p Thr202, p Tyr204, p Thr185, p Tyr187] Antibody (SC58-01)

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	SC58-01
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

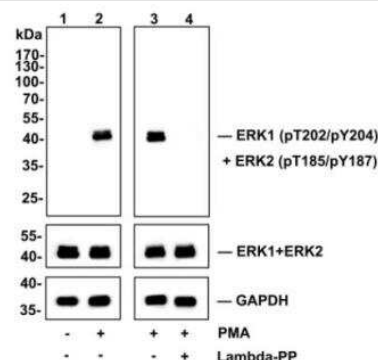## Product Description

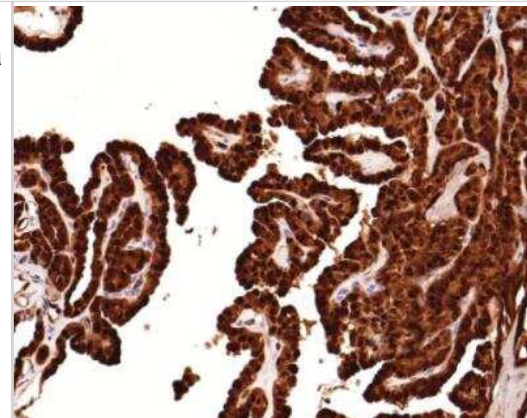|	
Description	Novus Biologicals Rabbit ERK1/2 [p Thr202, p Tyr204, p Thr185, p Tyr187] Antibody (SC58-01) (NBP2-67555) is a recombinant monoclonal antibody validated for use in IHC, WB and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5595
Gene Symbol	MAPK3
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human aa 166-215 / 379. (SwissProt: P27361 Human; SwissProt: P28482 Human; SwissProt: P63085 Mouse; SwissProt: Q63844 Mouse; SwissProt: P21708 Rat; SwissProt: P63086 Rat)

Product Application Details

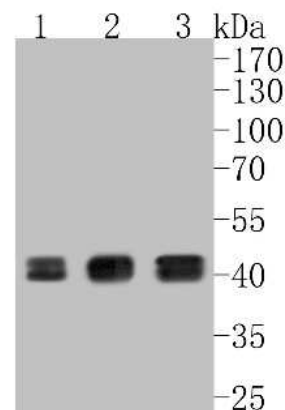|	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:2000, Immunohistochemistry 1:400, Immunoprecipitation, Immunohistochemistry-Paraffin 1:1000
Application Notes	IP-Use at an assay dependent concentration.

Images

Western Blot: ERK1/2 [p Thr202, p Tyr204, p Thr185, p Tyr187] Antibody (SC58-01) [NBP2-67555] - Analysis of ERK1 (pT202/pY204)+ERK2 (pT185/pY187) on Jurkat cell lysates. Lane 1: Jurkat cells, whole cell lysate, 10ug/lane, Lane 2/3: Jurkat cells treated with 200ng/ml PMA for 30 minutes, whole cell lysates, 10ug/lane, Lane 4: Jurkat cells treated with 200ng/ml PMA for 30 minutes, then treated with 2.8ug/ul lambda-PP for 30 minutes, whole cell lysates, 10ug/lane. All lanes : Anti-ERK1 (pT202/pY204)+ERK2 (pT185/pY187) antibody () at 1:500 dilution. Anti-ERK1+ERK2 antibody at 1:500 dilution. Anti-GAPDH antibody at 1:10,000 dilution. Goat Anti-Rabbit IgG H&L (HRP) at 1/200,000 dilution. Predicted band size:41/43 kDa Observed band size:41/43 kDa Blocking and diluting buffer: 5% BSA. Exposure time: 2 minutes 32 seconds.
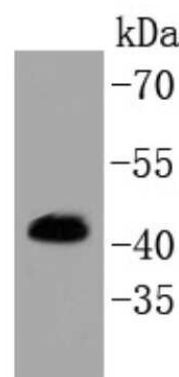
Immunohistochemistry-Paraffin: ERK1/2 [p Thr202, p Tyr204, p Thr185, p Tyr187] Antibody (SC58-01) [NBP2-67555] - Human thyroid carcinoma tissue with Rabbit anti-Erk1 (pT202/pY204) + Erk2 (pT185/pY187) antibody at 1/400 dilution. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 2 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody at 1/400 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.
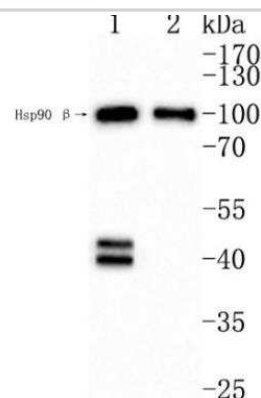

Western Blot: ERK1/2 [p Thr202, p Tyr204, p Thr185, p Tyr187] Antibody (SC58-01) [NBP2-67555] - Western blot analysis of ERK1/2 on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Ra

Western Blot: ERK1/2 [p Thr202, p Tyr204, p Thr185, p Tyr187] Antibody (SC58-01) [NBP2-67555] - Analysis of Erk1(pT202/pY204)+Erk2 (pT185/pY187) on A431 lysates using anti-Erk1(pT202/pY204)+Erk2 (pT185/pY187) antibody at 1/1,000 dilution.

ERK1/2 [p Thr202, p Tyr204, p Thr185, p Tyr187] Antibody (SC58-01) [NBP2-67555] - Analysis of Erk1 (pT202/pY204) + Erk2 (pT185/pY187) on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:200,000 dilution was used for 1 hour at room temperature. Positive control: Lane 1: Untreated SK-Br-3 whole cell lysates Lane 2: SK-Br-3 treated with lambda Protein Phosphatase whole cell lysates

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Products Related to NBP2-67555

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
236-EG-200	EGF [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis.
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