

Product Datasheet

eIF2B epsilon Antibody (5M2D4) NBP3-16674-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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NBP3-16674-100ul

eIF2B epsilon Antibody (5M2D4)

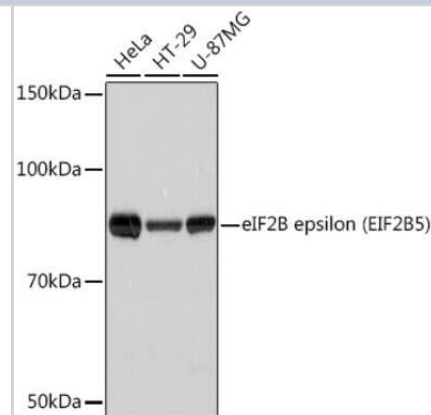
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	5M2D4
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA
Target Molecular Weight	80 kDa

Product Description	
Description	Novus Biologicals Rabbit eIF2B epsilon Antibody (5M2D4) (NBP3-16674) is a recombinant monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	8893
Gene Symbol	EIF2B5
Species	Human
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human eIF2B epsilon (Q13144). MAAPVVAPPGVVSRANKRSGAGPGGSGGGGARGAEIEPPPPPLQAVLVADS FDRRFFPISKDQPRVLLPLANVALIDYTLEFLTATGVQETTFVCCWCAA

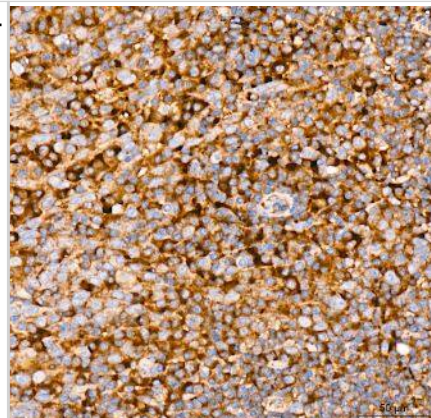
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000 - 1:4000, ELISA Recommended starting concentration is 1 µg/mL., Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin

Images

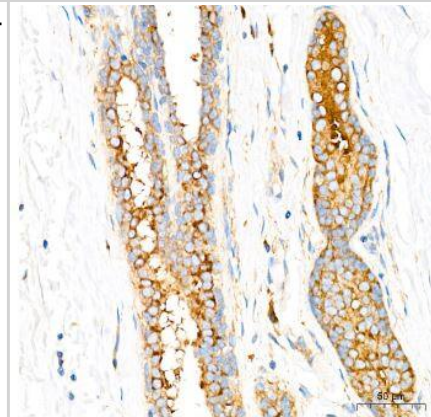
Western Blot: eIF2B epsilon Antibody (5M2D4) [NBP3-16674] - Western blot analysis of extracts of various cell lines, using eIF2B epsilon (EIF2B5) Rabbit mAb (NBP3-16674) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3s.



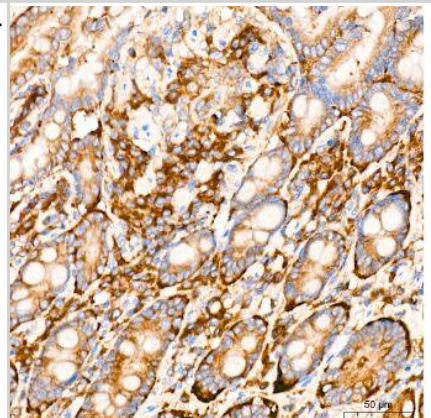
Immunohistochemistry-Paraffin: eIF2B epsilon Antibody (5M2D4) [NBP3-16674] - Analysis of eIF2B epsilon (EIF2B5) in paraffin-embedded human tonsil tissue using eIF2B epsilon (EIF2B5) Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



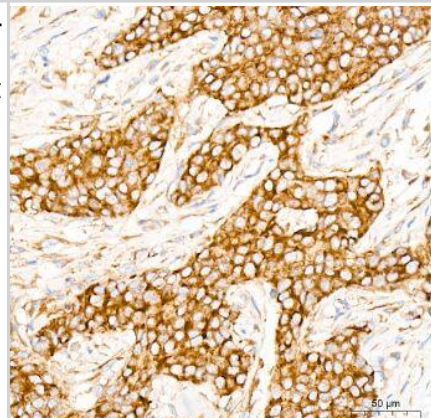
Immunohistochemistry-Paraffin: eIF2B epsilon Antibody (5M2D4) [NBP3-16674] - Analysis of eIF2B epsilon (EIF2B5) in paraffin-embedded human breast tissue using eIF2B epsilon (EIF2B5) Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



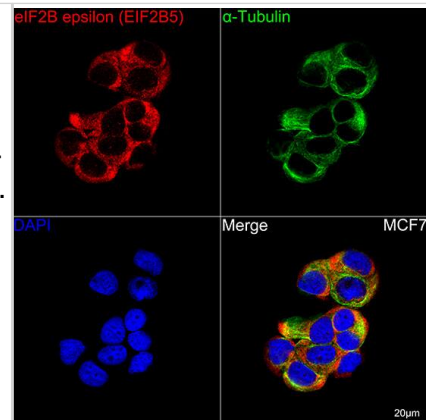
Immunohistochemistry-Paraffin: eIF2B epsilon Antibody (5M2D4) [NBP3-16674] - Analysis of eIF2B epsilon (EIF2B5) in paraffin-embedded human colon tissue using eIF2B epsilon (EIF2B5) Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry-Paraffin: eIF2B epsilon Antibody (5M2D4) [NBP3-16674] - Analysis of eIF2B epsilon (EIF2B5) in paraffin-embedded human breast cancer tissue using eIF2B epsilon (EIF2B5) Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunocytochemistry/ Immunofluorescence: eIF2B epsilon Antibody (5M2D4) [NBP3-16674] - Confocal imaging of MCF7 cells using eIF2B epsilon Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . The cells were counterstained with alpha-Tubulin Mouse mAb followed by incubation with ABflo 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.





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Products Related to NBP3-16674-100ul

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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