

# Product Datasheet

## PI 3-Kinase p110 beta/PIK3CB Antibody (CL9518) - BSA Free NBP2-88937

Unit Size: 100 ul

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

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Updated 2/27/2025 v.20.1

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**NBP2-88937**

PI 3-Kinase p110 beta/PIK3CB Antibody (CL9518) - BSA Free

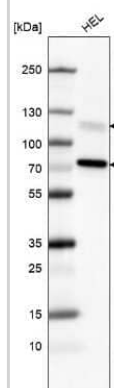
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL9518
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS, pH 7.2, containing 40% glycerol

Product Description	
Host	Mouse
Gene ID	5291
Gene Symbol	PIK3CB
Species	Human
Immunogen	This antibody was developed using a synthetic peptide derived from P42338, with the exact immunogen sequence remaining proprietary.

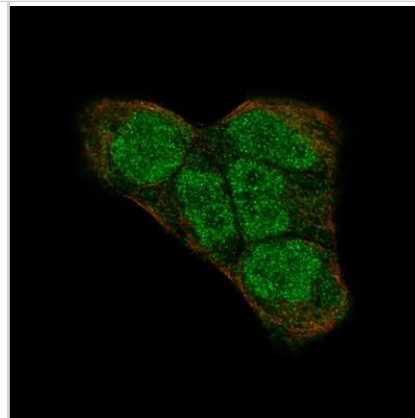
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For ICC/IF, PFA/Triton X-100 is recommended for fixation/permeabilization. For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

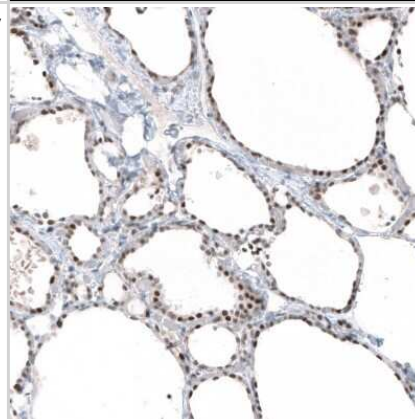
Western Blot: PI 3-Kinase p110 beta/PIK3CB Antibody (CL9518) [NBP2-88937] - Analysis in human cell line HEL.



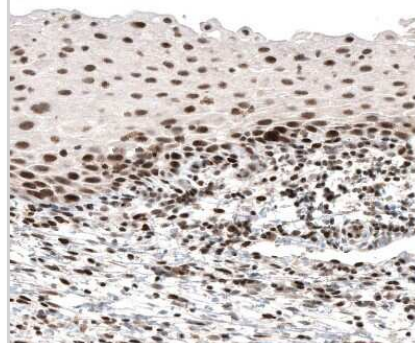
Immunocytochemistry/Immunofluorescence: PI 3-Kinase p110 beta/PIK3CB Antibody (CL9518) [NBP2-88937] - Staining of A-431 cells using the Anti-PIK3CB monoclonal antibody, showing specific staining in the nucleoplasm and cytosol in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



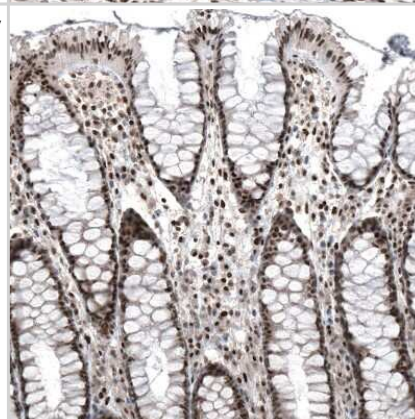
Immunohistochemistry-Paraffin: PI 3-Kinase p110 beta/PIK3CB Antibody (CL9518) [NBP2-88937] - Staining of human thyroid gland shows strong nuclear positivity in glandular cells.



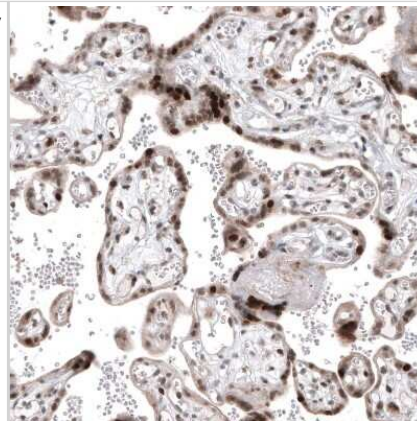
Immunohistochemistry-Paraffin: PI 3-Kinase p110 beta/PIK3CB Antibody (CL9518) [NBP2-88937] - Staining of human cervix shows strong nuclear positivity in squamous epithelial cells.



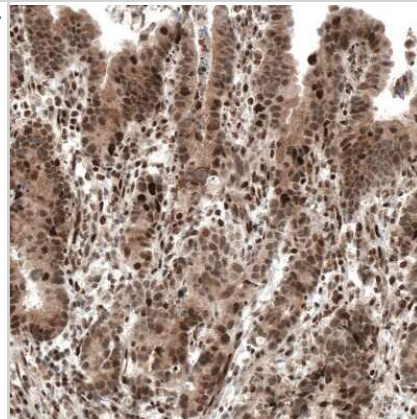
Immunohistochemistry-Paraffin: PI 3-Kinase p110 beta/PIK3CB Antibody (CL9518) [NBP2-88937] - Staining of human colon shows strong nuclear positivity in glandular cells.



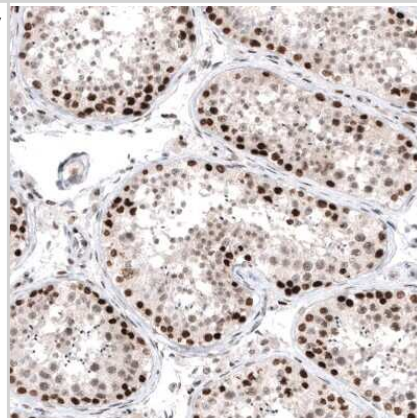
Immunohistochemistry-Paraffin: PI 3-Kinase p110 beta/PIK3CB Antibody (CL9518) [NBP2-88937] - Staining of human placenta shows moderate to strong nuclear positivity in trophoblastic cells.



Immunohistochemistry-Paraffin: PI 3-Kinase p110 beta/PIK3CB Antibody (CL9518) [NBP2-88937] - Staining of human stomach cancer shows moderate to strong nuclear positivity.



Immunohistochemistry-Paraffin: PI 3-Kinase p110 beta/PIK3CB Antibody (CL9518) [NBP2-88937] - Staining of human testis shows moderate to strong nuclear positivity in cells in seminiferous ducts.





### **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](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-88937**

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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)
H00005291-Q01-10ug	Recombinant Human PI 3-Kinase p110 beta/PIK3CB GST (N-Term) 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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