

Product Datasheet

COX-2 Antibody (2V7G8)

NBP3-16220-100ul

Unit Size: 100 ul

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

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP3-16220

Updated 9/9/2025 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/NBP3-16220



NBP3-16220-100ul

COX-2 Antibody (2V7G8)

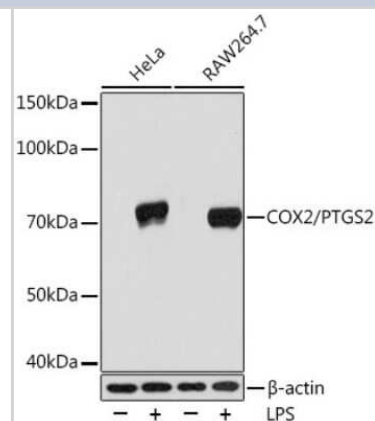
| Product Information | |
|--------------------------------|---|
| Unit Size | 100 ul |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at -20C. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | 2V7G8 |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG |
| Purity | Affinity purified |
| Buffer | PBS (pH 7.3), 50% glycerol, 0.05% BSA |
| Target Molecular Weight | 69 kDa |

| Product Description | |
|---------------------|--|
| Description | Novus Biologicals Rabbit COX-2 Antibody (2V7G8) (NBP3-16220) is a recombinant monoclonal antibody validated for use in IHC, WB and ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Rabbit |
| Gene ID | 5743 |
| Gene Symbol | PTGS2 |
| Species | Human, Mouse, Rat |
| Immunogen | A synthetic peptide corresponding to a sequence within amino acids 505-604 of human COX-2 (P35354). GETMVEVGAPFSLKGLMGNVICSPAYWKPSTFGGEVGFQIINTASIQSLICNNV KGCPFTSFSVPDPELIKTVTINASSRSGLDDINPTVLLKERSTEL |

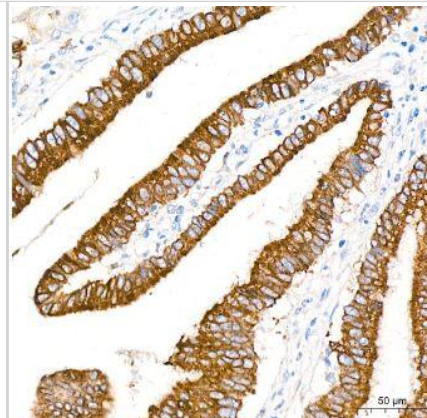
| Product Application Details | |
|------------------------------|--|
| Applications | Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry |
| Recommended Dilutions | Western Blot 1:1000 - 1:6000, ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements., Immunohistochemistry 1:200 - 1:2000, Immunohistochemistry-Paraffin 1:200 - 1:2000 |

Images

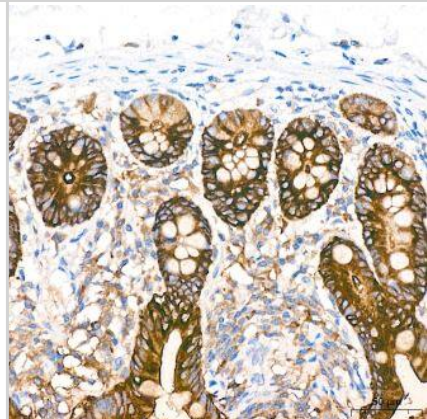
Western Blot: COX-2 Antibody (2V7G8) [NBP3-16220] - Analysis of extracts of various cell lines, using COX-2 antibody (NBP3-16220) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



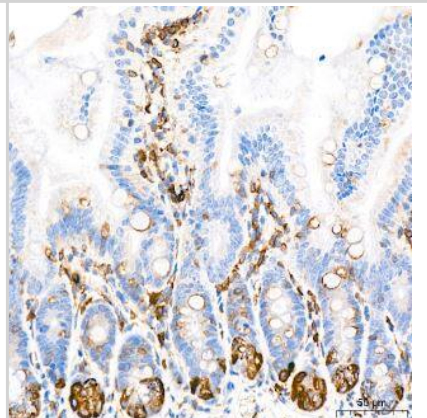
Immunohistochemistry-Paraffin: COX-2 Antibody (2V7G8) [NBP3-16220]
 -Human colon carcinoma tissue using COX2/PTGS2 Rabbit mAb at a dilution of 1:200 (40x lens).High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



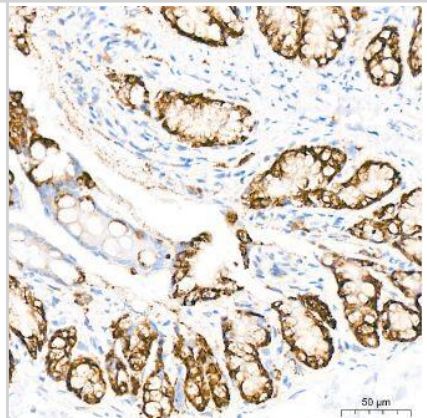
Immunohistochemistry-Paraffin: COX-2 Antibody (2V7G8) [NBP3-16220]
 -Human colon tissue using COX2/PTGS2 Rabbit mAb at a dilution of 1:200 (40x lens).High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry-Paraffin: COX-2 Antibody (2V7G8) [NBP3-16220]
 -Analysis of COX2/PTGS2 in paraffin-embedded mouse intestin tissue using COX2/PTGS2 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: COX-2 Antibody (2V7G8) [NBP3-16220]
 - Analysis of COX2/PTGS2 in paraffin-embedded rat colon tissue using COX2/PTGS2 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.





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

Products Related to NBP3-16220-100ul

| | |
|-------------|---|
| 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.

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/NBP3-16220

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

