

Product Datasheet

alpha-Fetoprotein/AFP Antibody (C3) [Alexa Fluor™ Plus 405]

NBP2-34577AFP405

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-34577AFP405

alpha-Fetoprotein/AFP Antibody (C3) [Alexa Fluor™ Plus 405]

| Product Information | |
|--------------------------------|--|
| Unit Size | 0.1 ml |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C in the dark. |
| Clonality | Monoclonal |
| Clone | C3 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG2a Kappa |
| Conjugate | Alexa Fluor Plus 405 |
| Purity | Protein A or G purified |
| Buffer | 50mM Sodium Borate |
| Product Description | |
| Host | Mouse |
| Gene ID | 174 |
| Gene Symbol | AFP |
| Species | Human, Porcine, Canine, Monkey, Bovine (Negative), Mouse (Negative), Rat (Negative) |
| Reactivity Notes | Does not react with Bovine, Mouse or Rat. |
| Marker | Hepatocellular/Germ Cell Tumor Marker |
| Specificity/Sensitivity | It recognizes an oncofetal glycoprotein with a single chain of 70kDa, which is identified as alpha-fetoprotein (AFP) (ISOBM TD-2 workshop). This monoclonal antibody is highly specific to AFP and shows no cross-reaction with other oncofetal antigens or serum albumin. AFP is normally synthesized in the liver, intestinal tract, and yolk sac of the fetus. Antibody to AFP has been shown to be useful in detecting hepatocellular carcinomas (HCC) and germ cell neoplasms, especially yolk sac tumors. |
| Immunogen | Alpha feto protein (AFP) Purified from serum of a hepatoma patient (Uniprot: P02771) |
| Notes | <p>This product is provided under an intellectual property license from Life Technologies Corporation. The transfer of this product is conditioned on the buyer using the purchased product solely in research conducted by the buyer, excluding contract research or any fee for service research, and the buyer must not (1) use this product or its components for (a) diagnostic, therapeutic or prophylactic purposes; (b) testing, analysis or screening services, or information in return for compensation on a per-test basis; or (c) manufacturing or quality assurance or quality control, and/or (2) sell or transfer this product or its components for resale, whether or not resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5781 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@thermofisher.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.</p> |



| Product Application Details | |
|------------------------------------|---|
| Applications | Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Flow (Intracellular), Immunohistochemistry, Sandwich ELISA, CyTOF-ready, Knockout Validated |
| Recommended Dilutions | Flow Cytometry, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Sandwich ELISA, Flow (Intracellular), CyTOF-ready, Knockout Validated |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |





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 NBP2-34577AFP405

| | |
|-------------------|---|
| NBP2-52171-0.05mg | Recombinant Human alpha-Fetoprotein/AFP His Protein |
| M6000B-1 | IL-6 [HRP] |
| MAFP00 | alpha-Fetoprotein/AFP [HRP] |
| 294-HG-005 | HGF [Unconjugated] |

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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