

# Product Datasheet

## alpha-Fetoprotein/AFP Antibody (C2) [DyLight 755] NBP2-48016IR

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-48016IR**

alpha-Fetoprotein/AFP Antibody (C2) [DyLight 755]

| 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                       | C2  |
| Preservative                | 0.05% Sodium Azide  |
| Isotype                     | IgG1 Kappa  |
| Conjugate                   | DyLight 755   |
| Purity                      | Protein A or G purified   |
| Buffer                      | 50mM Sodium Borate  |
| Product Description         |   |
| Description                 | 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.   |
| Host                        | Mouse   |
| Gene ID                     | 174   |
| Gene Symbol                 | AFP   |
| Species                     | Human, Mouse, Bovine (Negative), Canine (Negative), Rat (Negative)  |
| Reactivity Notes            | Does not react with Bovine, Canine 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 fetoprotein (AFP) Purified from serum of a hepatoma patient (Uniprot: P02771)   |
| Notes                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.   |
| Product Application Details |   |
| Applications                | Immunohistochemistry, Immunohistochemistry-Paraffin   |
| Recommended Dilutions       | Immunohistochemistry, Immunohistochemistry-Paraffin   |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.  |



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### **Products Related to NBP2-48016IR**

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|                    |   |
|--------------------|---|
| NBP1-43319IR-0.5ml | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [DyLight 755] |
| NBP2-52171-0.05mg  | Recombinant Human alpha-Fetoprotein/AFP His Protein         |
| M6000B-1           | IL-6 [HRP]  |
| MAFP00             | alpha-Fetoprotein/AFP [HRP]                                 |

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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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