

Product Datasheet

alpha-Fetoprotein/AFP Antibody (C3) [CoraFluor™ 1] NBP2-34577CL1

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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NBP2-34577CL1

alpha-Fetoprotein/AFP Antibody (C3) [CoraFluor™ 1]

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. Do not freeze.
Clonality	Monoclonal
Clone	C3
Preservative	No Preservative
Isotype	IgG2a Kappa
Conjugate	CoraFluor 1
Purity	Protein A or G purified
Buffer	PBS
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	CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254
Product Application Details	
Applications	ELISA, Flow Cytometry, Flow (Intracellular), Immunohistochemistry, Immunohistochemistry-Paraffin, 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.





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Products Related to NBP2-34577CL1

NBP2-52171-0.05mg	Recombinant Human alpha-Fetoprotein/AFP His Protein
294-HG-005	HGF [Unconjugated]
MAFP00	alpha-Fetoprotein/AFP [HRP]
NB300-223	Vimentin Antibody

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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