

# Product Datasheet

## alpha-Fetoprotein/AFP Antibody (AF5) [CoraFluor™ 1] NBP2-82221CL1

Unit Size: 0.1 ml

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

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**NBP2-82221CL1**

alpha-Fetoprotein/AFP Antibody (AF5) [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	AF5
Preservative	No Preservative
Isotype	IgG Kappa
Conjugate	CoraFluor 1
Purity	Protein A purified
Buffer	PBS

Product Description	
Description	CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays.
Host	Rabbit
Gene ID	174
Gene Symbol	AFP
Species	Human
Specificity/Sensitivity	Recognises the human alpha-Fetoprotein/AFP.
Immunogen	AF5 was prepared by immunizing female BALB/c mice with human amniotic fluid containing alpha-Fetoprotein/AFP, from a pregnancy affected by a neural tube defect, diluted and emulsified in Freund's complete adjuvant.
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	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NBP2-82221CL1**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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