## **Product Datasheet**

### alpha-Fetoprotein/AFP Antibody [CoraFluor™ 1] NBP1-76275CL1

Unit Size: 0.1 ml

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

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#### NBP1-76275CL1

alpha-Fetoprotein/AFP Antibody [CoraFluor™ 1]

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   Polyclonal     Preservative   No Preservative     Isotype   IgG     Conjugate   CoraFluor 1     Purity   Peptide affinity purified     Buffer   PBS     Product Description   CoraFluor (TIM) 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 mm, it is compatible with common acceptor dyes that absorb UV light at approximately adal the common acceptor dyes that absorb UV light at apgroarement, ternary complex, protein-protein interaction and protein quantification assays.     Host   Rabbit     Gene ID   174     Gene Symbol   AFP     Species   Human, Mouse, Rat     Reactivity Notes   Immunogen displays the following percentage of sequence identity for non-tested species: Sheep: (83%), Bovine: (83%)     Immunogen   Artibody was raised against a 14 amino acid synthetic peptide near the center of human AFP. The immunopenislocate within amino acids 34	Product Information		
services.StorageStore at 4C in the dark. Do not freeze.ClonalityPolyclonalPreservativeNo PreservativeIsotypeIgGConjugateCoraFluor 1PurityPeptide affinity purifiedBufferPBSProduct DescriptionCoraFluor(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 is a bigh performance terbium-based TR-FRET (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 is a bigh performance terbium-based TR-FRET (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 is aborbs UV light at approximately 440 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorbs at the envision wavelengths of 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.HostRabbitGene ID174Gene SymbolAFPSpeciesHuman, Mouse, RatReactivity NotesImmunogen displays the following percentage of sequence identity for non- tested species: Sheep: (83%), Bovine: (83%).InmunogenCoraFluor(TM) is a trademark of Bio-Techno Crop. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254Product Application DetailsWestern Blot, ELISA, Immunohistochemistry/Immunofluorescence, Immunofluorescence, Immunohistochemistry-ParaffinRecommended Dilution	Unit Size	0.1 ml	
Choality   Polyclonal     Preservative   No Preservative     Isotype   IgG     Conjugate   CoraFluor 1     Purity   Peptide affinity purified     Buffer   PBS     Product 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 assorbs 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 ut 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, Mouse, Rat     Reactivity Notes   Immunogen displays the following percentage of sequence identity for non-tested species: Sheep: (83%), Bovine: (83%)     Immunogen   Antibody was raised against a 14 amino acid synthetic peptide near the center of human AFP. The immunogen is located within amino acids 340 - 390 of AFP. Amino Acid Squence: CVHEYSRRHPOLAVS     Notes   CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent	Concentration	•	
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Applications   Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin     Recommended Dilutions   Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin	Notes	only under agreement from Massachusetts General Hospital. US patent	
Immunohistochemistry, Immunohistochemistry-Paraffin     Recommended Dilutions   Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin	Product Application Details		
Immunofluorescence, Immunohistochemistry-Paraffin	Applications		
Application NotesOptimal dilution of this antibody should be experimentally determined.	Recommended Dilutions		
	Application Notes	Optimal dilution of this antibody should be experimentally determined.	





#### Novus Biologicals USA

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#### **Bio-Techne Ltd**

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#### Products Related to NBP1-76275CL1

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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