

Product Datasheet

Testosterone Antibody (4E1G2) [CoraFluor™ 1] NBP3-11603CL1

Unit Size: 0.1 ml

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

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NBP3-11603CL1

Testosterone Antibody (4E1G2) [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	4E1G2
Preservative	No Preservative
Isotype	IgG1 Kappa
Conjugate	CoraFluor 1
Purity	Protein A or G 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(TM) 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. CoraFluor(TM) 1, amine reactive CoraFluor(TM) 1, thiol reactive For more information, please see our CoraFluor(TM) TR-FRET technology flyer.
Host	Mouse
Species	Non-species specific
Specificity/Sensitivity	This monoclonal antibody is highly specific to testosterone. Its affinity constant for testosterone is ~10 ¹⁰ M ⁻¹ . In competitive binding immunoassay, it reacts with testosterone 100%, 11-beta-hydroxy testosterone 3.3%, 17-alpha-methyl testosterone
Immunogen	Testosterone 3 CMO conjugated to BSA
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	Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry, Radioimmunoassay
Recommended Dilutions	ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Radioimmunoassay
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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Products Related to NBP3-11603CL1

KGE010	Testosterone [Biotin]
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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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