

# Product Datasheet

## CRISPR-Cas9 Antibody (6G12) [CoraFluor™ 1] NBP2-52398CL1

Unit Size: 0.1 ml

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

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**NBP2-52398CL1**

CRISPR-Cas9 Antibody (6G12) [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	6G12
Preservative	No Preservative
Isotype	IgG1 Kappa
Conjugate	CoraFluor 1
Purity	Protein 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(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	Mouse
Gene ID	901176
Gene Symbol	Cas9
Species	Bacteria
Specificity/Sensitivity	This CRISPR-Cas9 antibody (6G12) - C-terminus is specific to Cas9 from Streptococcus pyogenes.
Immunogen	This CRISPR-Cas9 antibody (6G12) - C-terminus was raised against recombinant C-terminal fragment of S.pyogenes CRISPR/Cas9. [UniProt# Q99ZW2]
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, Simple Western, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot, Simple Western, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP)
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NBP2-52398CL1**

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NBP2-52986	CRISPR-Cas9 Antibody Pack
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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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