Product Datasheet

mGluR1 Antibody [CoraFluor™ 1] NB100-93555CL1

Unit Size: 0.1 ml

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

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at: www.novusbio.com/NB100-93555CL1

Updated 3/27/2025 v.20.1

Earn rewards for product reviews and publications.

Submit a publication at www.novusbio.com/publications Submit a review at www.novusbio.com/reviews/destination/NB100-93555CL1



NB100-93555CL1

mGluR1 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 Immunogen affinity purified Buffer PBS Product Description CoraFluor (1/mmunosed TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 as high performance terbium-based TR-FRET (Sime-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 asborb UV light at approximately 400 nm, and emits at approximately 400 nm, 545 nm, 685 nm and 620 nm. It is compatible with common acceptor dyes that absorb UV light at approximately 400 nm, 545 nm, 685 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission 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. Host Rabbit Gene ID 2911 Gene Symbol GRM1 Species Human, Mouse, Rat Reactivity Notes This antibody is reactive against Huma	Product Information	
services. Storage Store at 4C in the dark. Do not freeze. Clonality Polyclonal Preservative No Preservative Isotype IgG Conjugate CoraFluor 1 Purity Immunogen 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 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 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 2911 Gene Symbol GRM1 Specificity/Sensitivity This antibody is reactive against Human, Mouse, Rat Reactivity Notes This antibody is reactive against Human, Mouse, Rat Specificity/Sensitivity Synthetic peptide comprising internal residues of the human metabotropic GluR1 alpha protein. Reacts with rat and mouse GluR1. Immunogen Synthetic peptide comprising internal residues of the human setaboty	Unit Size	0.1 ml
Clonality Polyclonal Preservative No Preservative Isotype IgG Conjugate CoraFluor 1 Purity Immunogen 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 asborbs 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 1. Reacts with rat and	Concentration	•
Preservative No Preservative Isotype IgG Conjugate CoraFluor 1 Purity Immunogen 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 is aborbs 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 quartification assays. Host Rabbit Gene ID 2911 Gene Symbol GRM1 Specificity/Sensitivity mGiuR1, Synthetic peptide comprising internal residues of the human GluR1 alpha protein. Reacts with rat and mouse GluR1. Immunogen Synthetic peptide comprising internal residues of the human metabotropic GluR1 alpha protein. Reacts with rat and mouse GluR1. 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 Western Blot, Immunohistochemistry/ Immunofluorescence, Immunohistochemistry, Immunofluorescence, Immun	Storage	Store at 4C in the dark. Do not freeze.
Isotype IgG Conjugate CoraFluor 1 Purity Immunogen affinity purified Buffer PBS Product Description CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (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, tis compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CaraFluor(TM) 1 can be used for the development to robust and scalable TR-FRET binding assays uch as target engagement, ternary complex, protein-protein interaction and protein quantification assays. Host Rabbit Gene ID 2911 Gene Symbol GRM1 Species Human, Mouse, Rat Reactivity Notes This antibody is reactive against Human, Mouse, Rat Species Synthetic peptide comprising internal residues of the human GluR1 alpha protein. Reacts with rat and mouse GluR1. Immunogen Sonthetic peptide comprising internal residues of the human GluR1 alpha protein. Reacts with rat and mouse GluR1. 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 Western Blot, Immunohistochemistry/ Immunofluorescence, Immunohistochemistry/ Immunofiuschemistry/ Immunofluorescence, Immunohistochemistry/ Immunofiuschemistry/	Clonality	Polyclonal
ConjugateCoraFluor 1PurityImmunogen affinity purifiedBufferPBSProduct DescriptionCoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) door 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.HostRabbitGene ID2911Gene SymbolGRM1SpeciesHurnan, Mouse, RatReactivity NotesThis antibody is reactive against Human, Mouse, RatSpecificity/SensitivitymGluR1, Synthetic peptide comprising internal residues of the human GluR1 alpha protein. Reacts with rat and mouse mGluR1.ImmunogenSynthetic peptide comprising internal residues of the human GluR1 alpha protein. Reacts with rat and mouse GluR1.NotesCoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254Product Application DetailsWestern Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry. Immunocytochemistry/Immunofluorescence, Immunohistochemistry. FrozenRecommended DilutionsWestern Blot, Immunohistochemistry. Frozen	Preservative	No Preservative
Purity Immunogen 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 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. 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 2911 Gene Symbol GRM1 Species Human, Mouse, Rat Reactivity Notes This antibody is reactive against Human, Mouse, Rat Specificity/Sensitivity mGluR1, Synthetic peptide comprising internal residues of the human GluR1 alpha protein. Reacts with rat and mouse GluR1. Immunogen Synthetic peptide comprising internal residues of the human flue 2022/0025254 Product Application Details Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen Recommended Dilutions Western Blot, Immunohistochemistry-Frozen	Isotype	IgG
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 absorbs 2UV 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 2911 Gene Symbol GRM1 Species Human, Mouse, Rat Reactivity Notes This antibody is reactive against Human, Mouse, Rat Specificity/Sensitivity mGluR1, Synthetic peptide comprising internal residues of the human GluR1 alpha protein. Reacts with rat and mouse GluR1. Immunogen Synthetic peptide comprising internal residues of the human metabotropic GluR1 alpha protein. Reacts with rat and mouse GluR1. 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 Applications Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen Recommended Dil	Conjugate	CoraFluor 1
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 2911 Gene Symbol GRM1 Species Human, Mouse, Rat Reactivity Notes This antibody is reactive against Human, Mouse, Rat Specificity/Sensitivity mGluR1, Synthetic peptide comprising internal residues of the human GluR1 alpha protein. Reacts with rat and mouse GluR1. Immunogen Synthetic peptide comprising internal residues of the human metabotropic GluR1 alpha protein. Reacts with rat and mouse GluR1. 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 Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunocytochemistry/Frozen Recommended Dilutions Western Blot, Immunohistochemistry-Frozen	Purity	Immunogen affinity purified
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 absorbs UV light at approximately 340 nm, and emits at approximately 450 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.HostRabbitGene ID2911Gene SymbolGRM1SpeciesHuman, Mouse, RatReactivity NotesThis antibody is reactive against Human, Mouse, RatSpecieisMuman, Mouse, RatReactivity NotesThis antibody is reactive against Human, Mouse, RatSpecificity/SensitivitymGluR1, Synthetic peptide comprising internal residues of the human GluR1 alpha protein. Reacts with rat and mouse GluR1.ImmunogenCoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254Product Application DetailsWestern Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunobistochemistry-FrozenRecommended DilutionsWestern Blot, Immunohistochemistry-Frozen	Buffer	PBS
Fluorescence Resonarce 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 	Product Description	
Gene ID2911Gene SymbolGRM1SpeciesHuman, Mouse, RatReactivity NotesThis antibody is reactive against Human, Mouse, RatSpecificity/SensitivitymGluR1, Synthetic peptide comprising internal residues of the human GluR1 alpha protein. Reacts with rat and mouse mGluR1.ImmunogenSynthetic peptide comprising internal residues of the human metabotropic GluR1 alpha protein. Reacts with rat and mouse GluR1.NotesCoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254Product Application DetailsWestern Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunofuorescence, Immunohistochemistry, Immunocytochemistry/FrozenRecommended DilutionsWestern Blot, Immunohistochemistry, Immunocytochemistry/Frozen	Description	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
Gene SymbolGRM1SpeciesHuman, Mouse, RatReactivity NotesThis antibody is reactive against Human, Mouse, RatSpecificity/SensitivitymGluR1, Synthetic peptide comprising internal residues of the human GluR1 alpha protein. Reacts with rat and mouse mGluR1.ImmunogenSynthetic peptide comprising internal residues of the human metabotropic GluR1 alpha protein. Reacts with rat and mouse GluR1.NotesCoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254Product Application DetailsWestern Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunofustochemistry-FrozenRecommended DilutionsWestern Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunofluorescence, Immunofluor	Host	Rabbit
SpeciesHuman, Mouse, RatReactivity NotesThis antibody is reactive against Human, Mouse, RatSpecificity/SensitivitymGluR1, Synthetic peptide comprising internal residues of the human GluR1 alpha protein. Reacts with rat and mouse mGluR1.ImmunogenSynthetic peptide comprising internal residues of the human metabotropic GluR1 alpha protein. Reacts with rat and mouse GluR1.NotesCoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254Product Application Details ApplicationsWestern Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry, Immunocytochemistry/ Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunofluorescence, Immunofluorescence, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry/Frozen	Gene ID	2911
Reactivity NotesThis antibody is reactive against Human, Mouse, RatSpecificity/SensitivitymGluR1, Synthetic peptide comprising internal residues of the human GluR1 alpha protein. Reacts with rat and mouse mGluR1.ImmunogenSynthetic peptide comprising internal residues of the human metabotropic GluR1 alpha protein. Reacts with rat and mouse GluR1.NotesCoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254Product Application DetailsWestern Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-FrozenRecommended DilutionsWestern Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen	Gene Symbol	GRM1
Specificity/SensitivitymGluR1, Synthetic peptide comprising internal residues of the human GluR1 alpha protein. Reacts with rat and mouse mGluR1.ImmunogenSynthetic peptide comprising internal residues of the human metabotropic GluR1 alpha protein. Reacts with rat and mouse GluR1.NotesCoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254Product Application DetailsWestern Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-FrozenRecommended DilutionsWestern Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen	Species	Human, Mouse, Rat
ImmunogenSynthetic peptide comprising internal residues of the human metabotropic GluR1 alpha protein. Reacts with rat and mouse GluR1.NotesCoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254Product Application DetailsWestern Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunocytochemistry/ Immunohistochemistry, FrozenRecommended DilutionsWestern Blot, Immunohistochemistry, Immunocytochemistry/Frozen	Reactivity Notes	This antibody is reactive against Human, Mouse, Rat
alpha protein. Reacts with rat and mouse GluR1.NotesCoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254Product Application DetailsWestern Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-FrozenRecommended DilutionsWestern Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry, Frozen	Specificity/Sensitivity	
only under agreement from Massachusetts General Hospital. US patent2022/0025254Product Application DetailsApplicationsWestern Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-FrozenRecommended DilutionsWestern Blot, Immunohistochemistry, Immunocytochemistry/ Immunocytochemistry/ Immunocytochemistry/ Immunocytochemistry/ Immunocytochemistry/ Immunohistochemistry.	Immunogen	
ApplicationsWestern Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-FrozenRecommended DilutionsWestern Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen	Notes	only under agreement from Massachusetts General Hospital. US patent
Immunohistochemistry, İmmunohistochemistry-Frozen Recommended Dilutions Western Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen	Product Application Details	
Immunofluorescence, Immunohistochemistry-Frozen	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

10730 E. Briarwood Avenue Centennial, CO 80112 USA Phone: 303.730.1950 Toll Free: 1.888.506.6887 Fax: 303.730.1966 nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave Toronto, ON M8Z 4E6 Canada Phone: 905.827.6400 Toll Free: 855.668.8722 Fax: 905.827.6402 canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane Abingdon Science Park Abingdon, OX14 3NB, United Kingdom Phone: (44) (0) 1235 529449 Free Phone: 0800 37 34 15 Fax: (44) (0) 1235 533420 info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com Technical Support: nb-technical@biotechne.com Orders: nb-customerservice@bio-techne.com General: novus@novusbio.com

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NB100-93555CL1

Earn gift cards/discounts by submitting a publication using this product: www.novusbio.com/publications



