

# Product Datasheet

## Human IgG4 Isotype Control [Alexa Fluor® 488] DDXCH04A488-100

Unit Size: 0.1 mg

Store at -20C in the dark. Avoid freeze-thaw cycles.

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**DDXCH04A488-100**

Human IgG4 Isotype Control [Alexa Fluor® 488]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Please contact technical services for concentration.
<b>Storage</b>	Store at -20C in the dark. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG4
<b>Conjugate</b>	Alexa Fluor 488
<b>Purity</b>	Ion exchange chromatography
<b>Buffer</b>	PBS, 50% glycerol.

<b>Product Description</b>	
<b>Description</b>	This Human IgG4 immunoglobulin is useful as an isotype control for Human IgG4 antibody.
<b>Host</b>	Human
<b>Species</b>	Human
<b>Notes</b>	This product is manufactured by Eurobio Scientific (formerly Dendritics) and distributed by Novus Biologicals.

<b>Product Application Details</b>	
<b>Applications</b>	Flow Cytometry, Flow (Cell Surface), Flow (Intracellular), Immunofluorescence
<b>Recommended Dilutions</b>	Flow Cytometry 1:10-1:1000, Flow (Cell Surface) 1:10 - 1:1000, Flow (Intracellular) 1:10 - 1:1000, Immunofluorescence 1:10 - 1:500
<b>Application Notes</b>	Use the isotype control at the same concentration as the experimental antibody. Optimal dilution of this antibody should be experimentally determined.

**Publications**

Zakrzewicz A, WUrth C, Beckert B Et al. Stabilization of Keratinocyte Monolayer Integrity in the Presence of Anti-Desmoglein-3 Antibodies through FcRn Blockade with Efgartigimod: Novel Treatment Paradigm for Pemphigus? Cells 2022-03-25 [PMID: 35326398]

Details:

Citation using the Alexa Fluor 488 version of this antibody.





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### **Products Related to DDXCH04A488-100**

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NBP2-62126	IgG4 Antibody (RM120)
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#### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Isotype Controls are guaranteed for 1 year from date of receipt.

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