

# Product Datasheet

## PSD-95 Antibody (6G6-1C9) [Alexa Fluor® 488] NB300-556AF488

Unit Size: 0.1 ml

Store at 4C in the dark.

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### Publications: 2

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**NB300-556AF488**

PSD-95 Antibody (6G6-1C9) [Alexa Fluor® 488]

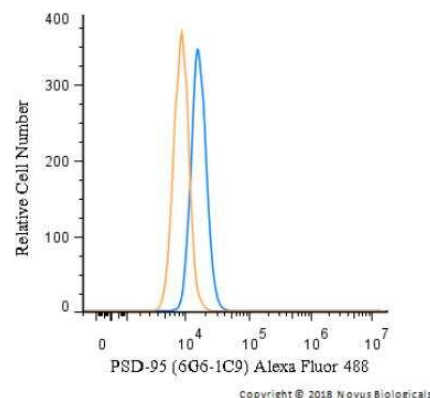
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	6G6-1C9
Preservative	0.05% Sodium Azide
Isotype	IgG2a
Conjugate	Alexa Fluor 488
Purity	Protein A purified
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Gene ID	1742
Gene Symbol	DLG4
Species	Human, Mouse, Rat, Invertebrate, Primate
Reactivity Notes	Invertebrate reactivity reported in scientific literature (PMID: 18182049). Primate reactivity reported in scientific literature (PMID: 20519524). Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Marker	post-Synaptic Marker
Specificity/Sensitivity	Detects Post Synaptic Density 95 kDa (PSD-95) from rat tissues.
Immunogen	Purified recombinant rat PSD-95.
Notes	<p>Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@lifetech.com">outlicensing@lifetech.com</a>. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.</p>

**Product Application Details**

<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, Block/Neutralize, Chromatin Immunoprecipitation (ChIP)
<b>Recommended Dilutions</b>	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Chromatin Immunoprecipitation (ChIP), Block/Neutralize

## Images

Flow Cytometry: PSD-95 Antibody (6G6-1C9) [Alexa Fluor® 488] [NB300-556AF488] - An intracellular stain was performed on HeLa cells with PSD-95 Antibody (6G6-1C9) NB300-556AF488 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 10 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 488.



## Publications

O'grady BJ, Balotin KM, Bosworth AM et al. Development of an N-Cadherin Biofunctionalized Hydrogel to Support the Formation of Synaptically Connected Neural Networks BioRxiv ACS Biomater Sci Eng 2020-12-15 [PMID: 33320550]

O'grady BJ, Balotin KM, Bosworth AM, McClatchey PM Development of an N-Cadherin Biofunctionalized Hydrogel to Support the Formation of Synaptically Connected Neural Networks BioRxiv (ICC/IF, Human)



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### **Products Related to NB300-556AF488**

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IC003G	Mouse IgG2a Isotype Control (20102) [Alexa Fluor® 488]
NB300-556AF647	PSD-95 Antibody (6G6-1C9) [Alexa Fluor® 647]
H00001742-P01-10ug	Recombinant Human PSD-95 GST (N-Term) Protein
DBD00	BDNF [HRP]

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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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