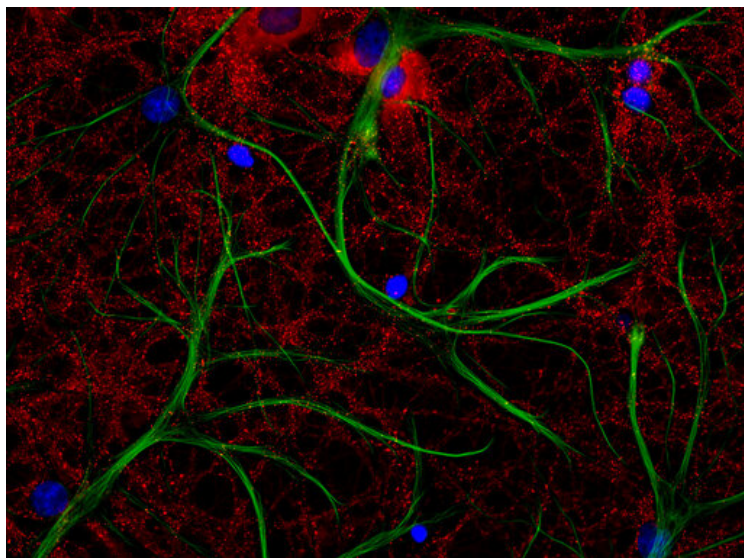
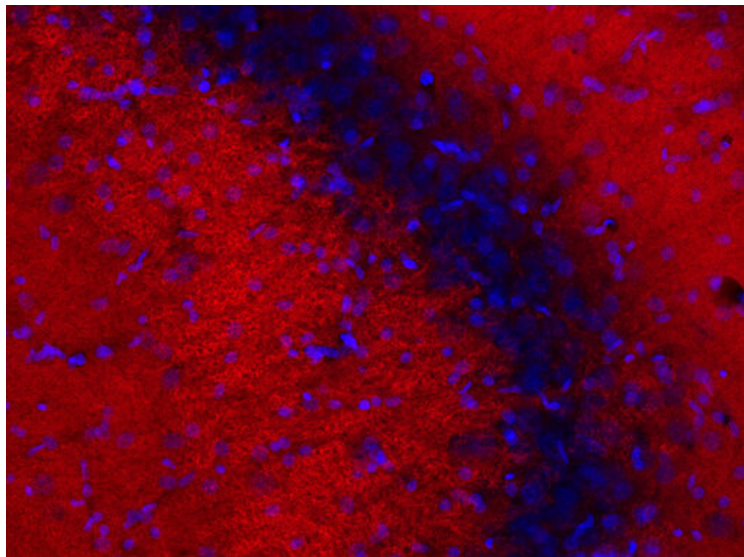


PSD95 / PFA (IHC) (ICC)

- 
- [\(PSD\)](#)
- [\(SAP90\)](#)
- [The PSD95 FluoTag](#)
- [The PSD95 sdAb - FluoTag-X2 -](#)
- [Synaptic Systems -](#)
- 

NanoTag Biotechnologies Synaptic Systems PSD95 FluoTag-X2 (IHC) (1) (ICC) (2) PFA / DAPI

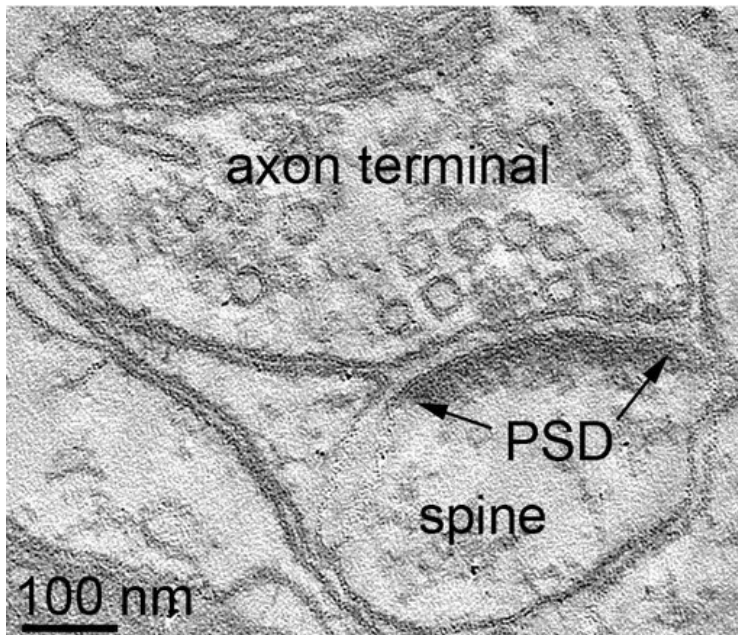


1 FluoTag-X2 PSD95 Cy 3 (cat. no. N3702-SC3-L, 1 : 500, ) PFA DAPI

2 FluoTag-X2 PSD95-ATTO 542 (cat. no. N3702-At542-L, ) FluoTag-X2 GFAP-At488 (cat. no. N3802-At488-L, ) PFA DAPI

### PSD

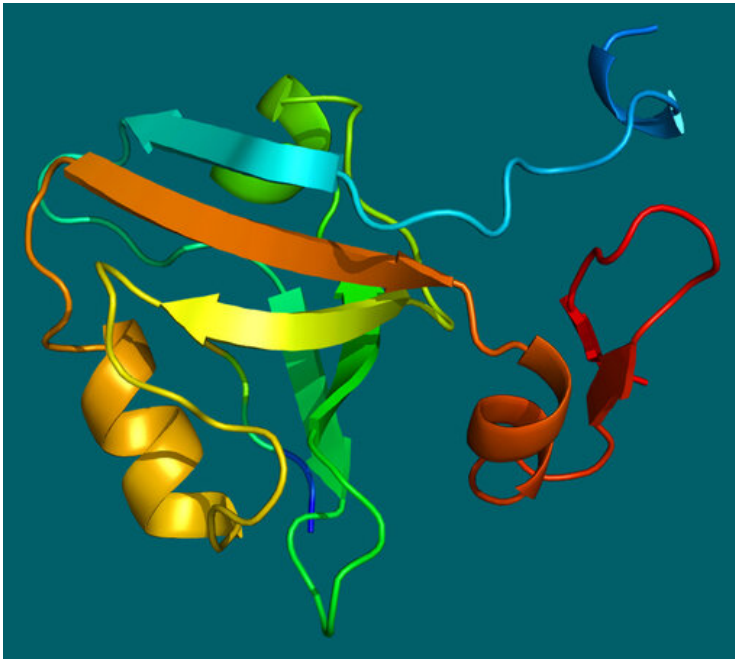
PSD (PSD) is a protein complex located in the postsynaptic density (PSD) of excitatory synapses. It is involved in the transmission of signals from the presynaptic terminal to the postsynaptic cell. PSD is a large, multi-protein complex that is essential for the function of the synapse. (Banker et al., 1974; Ziff, 1997; Dosemeci et al., 2016) (Meyer et al., 2014; Vyas and Montgomery, 2016)



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Budapest

### PSD95 (SAP90)

PSD95 (SAP90) is a protein that is a member of the SAP90 family. It is involved in the transmission of signals from the presynaptic terminal to the postsynaptic cell. PSD95 is a large, multi-protein complex that is essential for the function of the synapse. (Statthakis et al., 1997) (Woods and Bryant, 1993)



4 PSD95 3D PyMOL PDB 1be9

PSD95 PSD93 PSD (Hunt et al., 1996; Kennedy, 1997) (Dosemeci et al., 2016)

PSD95 (ICC) (IHC) IgG

### The PSD95 FluoTag

PSD95 FluoTag N3702 (sdAb) NanoTag Biotechnologies 15 kDa FluoTag IgG 10% PFA PSD95 FluoTag (2) FluoTag PSD95 FluoTag (X2)

### PSD95 sdAb - FluoTag-X2 -

Cat. No.	Product Description	Application	Quantity	Price	Cart
<a href="#">N3702-AF568-L</a>	PSD95 sdAb, camelid, FluoTag-X2, Alexa 568	WB ICC IHC	200 µl	US\$540.00	
<a href="#">N3702-AF647-L</a>	PSD95 sdAb, camelid, FluoTag-X2, Alexa 647	ICC IHC IHC-P (FFPE)	200 µl	US\$540.00	
<a href="#">N3702-At488-L</a>	PSD95 sdAb, camelid, FluoTag-X2, ATTO 488	ICC IHC IHC-P (FFPE)	200 µl	US\$540.00	

Result count: 3

### Synaptic Systems

- PSD
- 
- 
- PSD 93
- SAP 102
- SAP 97
- (HIC)

Banker et al. 1974: Proteins of the postsynaptic density. [PMID: 4419608](#)

Dosemeci et al. 2016: The Postsynaptic Density: There Is More than Meets the Eye. [PMID: 27594834](#)

Hunt et al. 1996: PSD-95 is associated with the postsynaptic density and not with the presynaptic membrane at forebrain synapses. [PMID: 8778289](#)

Kennedy 1997: The postsynaptic density at glutamatergic synapses. [PMID: 9185308](#)

Meyer et al. 2014: Balance and stability of synaptic structures during synaptic plasticity. [PMID: 24742464](#)

Statthakis et al. 1997: Human postsynaptic density-95 (PSD95): location of the gene (DLG4) and possible function in nonneural as well as in neural tissues. [PMID: 9286702](#)

Vyas and Montgomery 2016: The role of postsynaptic density in neural degeneration and regeneration. [PMID: 27482211](#)

Woods and Bryant 1993: ZO-1, DlgA and PSD-95/SAP90: homologous proteins in tight, septate and synaptic cell junctions. [PMID: 8155583](#)

Ziff 1997: Enlightening the postsynaptic density. [PMID: 9427241](#)