

# NLGN3 Monoclonal Antibody (S110-29)

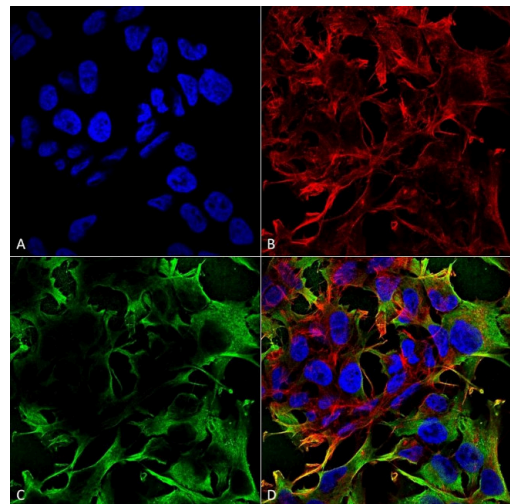
Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	S110-29
Conjugate	Unconjugated
Immunogen	Fusion protein amino acids 730-848 (intracellular C-terminus) of rat Neuroligin-3. Mouse: 99% identity (118/119 amino acids identical). Human: 98% identity (116/119 amino acids identical) ~60% identity with Neuroligin-1. ~40% identity with Neuroligin-2.
Form	Liquid
Concentration	1 mg/mL
Purification	Protein G
Storage buffer	PBS, pH 7.4, with 50% glycerol
Contains	0.1% sodium azide
Storage conditions	-20°C
RRID	AB_2735291

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	-
Immunohistochemistry (PFA fixed) (IHC (PFA))	1:100	-
Immunocytochemistry (ICC/IF)	1:100	-

## Product Specific Information

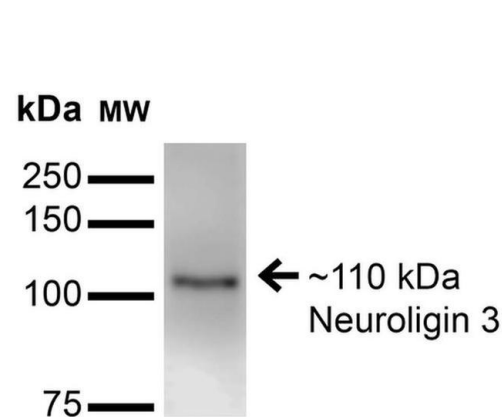
1 µg/mL of MA5-27621 was sufficient for detection of Neuroligin 3 in 20 µg of rat brain lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody. | Detects approximately 110kDa. Does not cross-react with Neuroligin-1, -2, -4 or -4.

Product Images For NLGN3 Monoclonal Antibody (S110-29)



**NLGN3 Antibody (MA5-27621) in ICC/IF**

Immunofluorescent analysis of NLGN3 in human neuroblastoma cell line (SK-N-BE). Sample was fixed with 4% formaldehyde (15 min at RT), incubated with NLGN3 monoclonal antibody (Product # MA5-27621) using a dilution of 1:100 (1 hour at RT), and followed by Goat Anti-Mouse 488, Phalloidin Texas Red and DAPI secondary antibody at a dilution of 1:100, 1:1000 (60 min at RT) and 1:5000 (5 min at RT). Images are shown as follows: (A) DAPI (blue) nuclear stain, (B) Phalloidin Texas Red F-Actin stain, (C) Neuroigin 3 Antibody, (D) Merged image. Magnification: 60x.



**NLGN3 Antibody (MA5-27621) in WB**

Western blot analysis of NLGN3 in mouse brain membrane with 15 µg of sample. The sample was blocked with 2% BSA and 2% skim milk in TBST, incubated with NLGN3 monoclonal antibody (Product # MA5-27621) using a dilution of 1:200 (16 hours at RT), and followed by Goat Anti-Mouse (1 hour at RT) at a dilution of 1:1000 and ECL development (6 min at RT). Samples were arranged as follows: Lane 1: Molecular Weight Ladder, Lane 2: Mouse Brain membrane.

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