

Anti-GluN2A/NR2A Glutamate Receptor Recombinant Chicken Chimeric mAb (BSA and Azide free)



Product Details

Available Variants	100 µL (SKU:78-288-CF)
Conjugate	Unconjugated, Carrier Free
Isotype	IgY
Clone	N327/95
Gene Name	Grin2a
Host Species	Chicken
Concentration	Lot dependent: provided at 0.6-1.0 mg/mL
Format	Purified by affinity chromatography
Physical State	Liquid
Buffer	PBS
Production Notes	This recombinant antibody is a chimeric antibody created by replacing the mouse heavy and light constant regions of clone N327/95 with chicken IgY heavy and light constant regions. As such this antibody retains the same binding performance as the original clone N327/95 but can be detected using standard anti-chicken secondary antibodies allowing flexibility for multiplexing applications. This antibody is expressed recombinantly in mammalian cells and then affinity purified from the cell culture media and buffer exchanged into 1X PBS.
Applications	ELISA, ICC, IHC, WB
Dilution Ranges	WB: 1:500-1:1000 WB Brain: 1:500-1:1000 IHC: 1:500-1:1000 ICC: 1:500-1:1000
Species Reactivity	Human, Mouse, Rabbit, Rat

Immunogen	Fusion protein amino acids 75-325 (extracellular N-terminus) of rat NR2A (accession number Q00959) produced recombinantly in E. Coli
Specificity	Does not cross-react with GluN2B/NR2B
Molecular Weight	170 kDa
Quality Control	Each new lot of antibody is quality control tested by Western blot on rat brain membrane fraction and confirmed to stain the expected molecular weight band.
Storage	Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.
UniProt ID	<u>Q00959</u>
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	24 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

Product Images



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