

Anti-mGluR1/5 (Group I) Glutamate Receptor Antibody

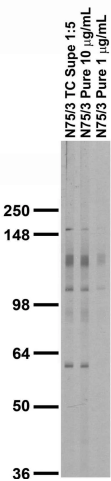


Product Details

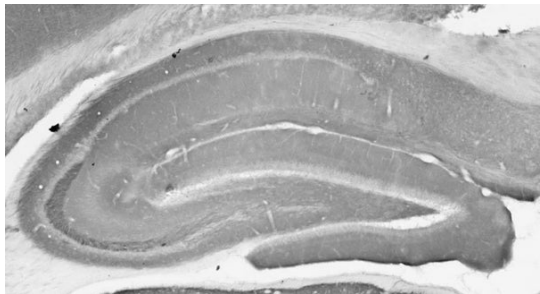
Available Variants	100 µL (SKU:75-115)
Conjugate	Unconjugated
Isotype	IgG2a
Clone	N75/3
Gene Name	Grm5 Gprc1e Mglur5
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.43
Production Notes	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography. Purified mAbs are >90% specific antibody.
Applications	ELISA, IHC, IP, WB
Species Reactivity	Human, Mouse, Rat
Immunogen	Fusion protein amino acids 824-1203 (cytoplasmic C-terminus) of rat mGluR5b (accession number P31424) produced recombinantly in E. Coli
Specificity	Recognizes mGluR1 and mGluR5
Molecular Weight	130 kDa (both mGluR1 and mGluR5)
Quality Control	Each new lot of antibody is quality control tested by western blot on rat whole brain lysate 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.
Antibody Registry ID	AB_10672260
UniProt ID	<u>P31424</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



Adult rat brain membrane immunoblot.



Adult rat hippocampus immunohistochemistry.



Created on 11. September 2026 | All information without guarantee