

mGluR1 Conjugated Antibody

Catalog No: #C49497



Package Size: #C49497-AF350 100ul #C49497-AF405 100ul #C49497-AF488 100ul
 #C49497-AF555 100ul #C49497-AF594 100ul #C49497-AF647 100ul
 #C49497-AF680 100ul #C49497-AF750 100ul #C49497-Biotin 100ul

Orders: order@signalwayantibody.com
 Support: tech@signalwayantibody.com

Description

Product Name	mGluR1 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Glutamate receptor metabotropic 1 antibody glutamate receptor, metabotropic 1 antibody GPRC1A antibody GRM1 antibody GRM1-Alpha antibody GRM1_HUMAN antibody GRM1A antibody Metabotropic glutamate receptor 1 antibody mGlu1 antibody mGluR1 antibody MGLUR1-Alpha antibody MGLUR1A antibody SCAR13 antibody
Accession No.	Swiss-Prot#:Q13255
Uniprot	Q13255
GeneID	2911;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	200 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

G-protein coupled receptor for glutamate. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of down-stream effectors. Signaling activates a phosphatidylinositol-calcium second messenger system. May participate in the central action of glutamate in the CNS, such as long-term potentiation in the hippocampus and long-term depression in the cerebellum.

Note: This product is for in vitro research use only