Phospho-GluR1 (Ser845) Recombinant Rabbit Monoclonal Antibody (RM296)

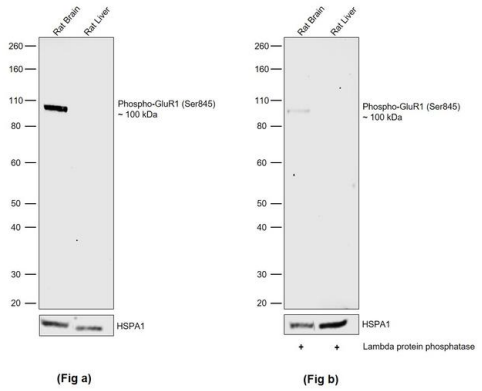
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Expression system	HEK293 cells
Class	Recombinant Monoclonal
Type	Antibody
Clone	RM296
Conjugate	Unconjugated
Immunogen	A phospho-peptide corresponding to human Phospho-Glutamate Receptor 1 (GluR1) (Ser845)
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	PBS with 1% BSA, 50% glycerol
Contains	0.09% sodium azide
Storage conditions	-20°C
RRID	AB_2744990

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000-1:2,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:500-1:1,000	-

Product Specific Information

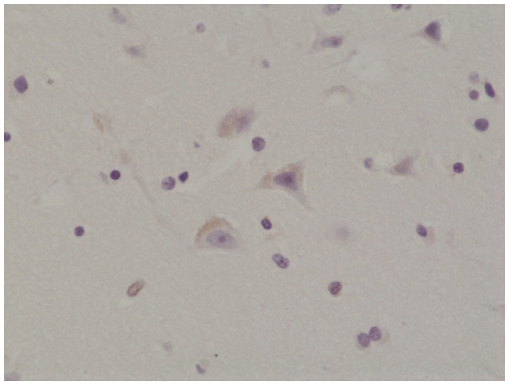
Recombinant rabbit monoclonal antibodies are produced using in vitro expression systems. The expression systems are developed by cloning in the specific antibody DNA sequences from immunoreactive rabbits. Then, individual clones are screened to select the best candidates for production. The advantages of using recombinant rabbit monoclonal antibodies include: better specificity and sensitivity, lot-to-lot consistency, animal origin-free formulations, and broader immunoreactivity to diverse targets due to larger rabbit immune repertoire.

Product Images For Phospho-GluR1 (Ser845) Recombinant Rabbit Monoclonal Antibody (RM296)



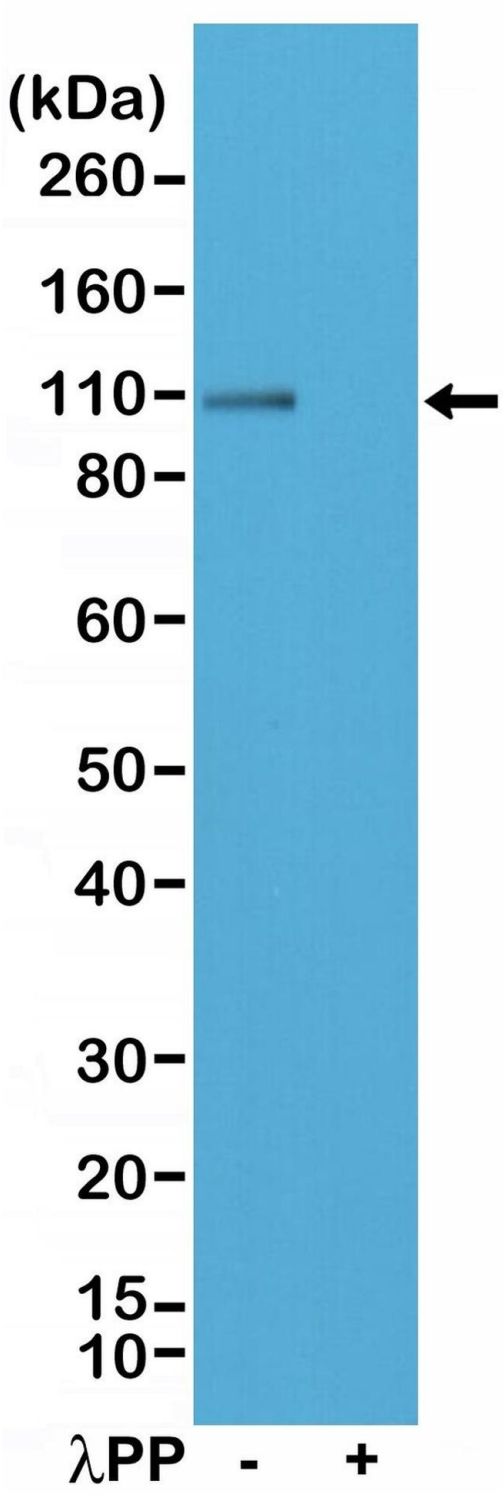
Phospho-GluR1 (Ser845) Antibody (MA5-27975) in WB

Western blot was performed using Anti-Phospho-GluR1 (Ser845) Recombinant Rabbit Monoclonal Antibody (RM296) (Product # MA5-27975) and a 100kDa band corresponding to Phospho-GluR1 (Ser845) was observed. Tissue extracts (30 µg lysate) of Rat Brain (Lane 1) and Rat Liver (Lane 2) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0322BOX). Resolved proteins were then transferred onto a Nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:1000) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036,1:4000) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using SuperSignal™ West Dura Extended Duration Substrate (Product # 34076).For Fig. B, the blot was treated with Lambda Protein Phosphatase after the protein transfer, and for Fig. A, the blot was left untreated. In Fig.a, band of interest is not present in Rat Liver, a tissue which is reported to be negative for GluR1. Phospho-specificity is demonstrated by reduced intensity of band in Fig.b.



Phospho-GluR1 (Ser845) Antibody (MA5-27975) in IHC (P)

Immunohistochemistry analysis of Phospho-GluR1 (Ser845, Ser845, S845) in paraffin embedded human brain. Sample was incubated with Phospho-GluR1 (Ser845, Ser845, S845) monoclonal antibody (Product # MA5-27975) using a dilution of 1:200.



Phospho-GluR1 (Ser845) Antibody (MA5-27975) in WB
Western blot analysis of Phospho-GluR1 (Ser845, Ser845, S845) in mouse brain tissue. Sample was incubated with Phospho-GluR1 (Ser845, Ser845, S845) monoclonal antibody (Product # MA5-27975) using a dilution of 1:200.