

## DATASHEET

# mGLUR8 Mouse Monoclonal Antibody(C2726)

CAT. NO. AMA02338

### KEY FEATURES

Target	mGLUR8	Source / Host	Mouse
Reactivity	Human	Clonality	Monoclonal
Applications	WB, FC	Conjugation	Unconjugated
Form / Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

### 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, such as adenylate cyclase. Signaling inhibits adenylate cyclase activity.

### APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
FC	1:100 - 1:200

\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

### PRODUCT OVERVIEW

Description	Mouse monoclonal to mGLUR8
Specificity	Recognizes endogenous levels of mGLUR8 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human mGLUR8 expressed in E. Coli
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 102 kD; Observed: 102 kD kD
Form/Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	GPRC1H; MGLUR8; MetabotropIC, glutamate receptor 8; mGluR8
Gene Symbol	GRM8
Entrez Gene	2918(Human)
SwissProt	O00222(Human)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

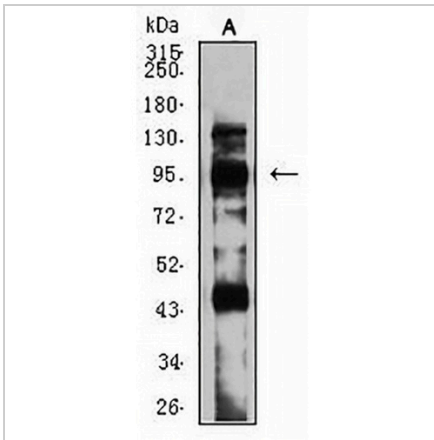
\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

**DATASHEET**

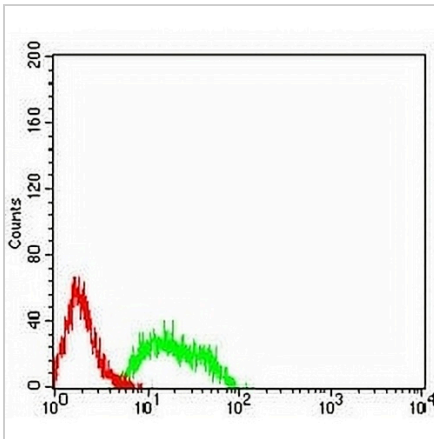
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**DATA**



Western blot analysis of mGLUR8 expression in C6 (A) whole cell lysates. (Predicted band size: 102 kD; Observed band size: 102 kD)



Flow cytometric analysis of SKNSH cells using Anti-mGLUR8 Antibody (green) and negative control (red).

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.