

**Catalog #: 50366**

## Aliases

GPRC1F; MGLUR6; Metabotropic glutamate receptor 6; mGluR6

## Background

Gene Name: GRM6

NCBI Gene Entry: [2916](#)

UniProt Entry: [O15303](#)

## Application Information

Molecular Weight: Predicted, 95 kDa; observed, 110 kDa

Clonality: Rabbit polyclonal antibody

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), immunocytochemistry (IC)

## Immunogen

A synthesized peptide derived from human mGLUR6

## Isotype

Rabbit IgG

## Storage Buffer

Supplied in PBS (pH 7.3) containing 30% glycerol, and 0.01% sodium azide.

## Storage

Store at -20 °C for one year.

## Recommended Dilutions

Western Blotting (WB): 1:500-1:1,000

Immunocytochemistry (IC): 1:100-1:500

**Note:** This product is for research use only.

## Validation Data

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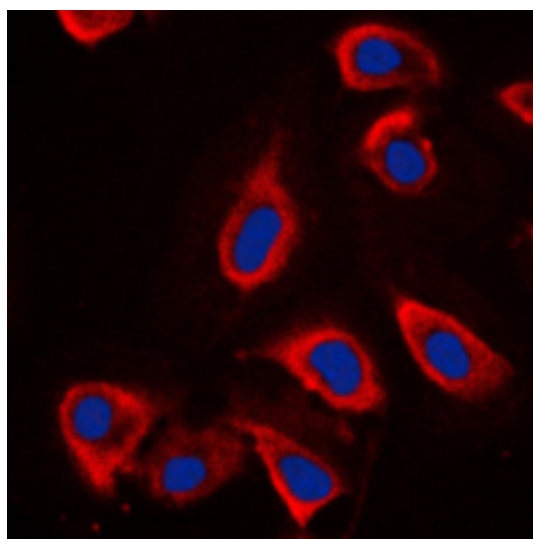
### SUPPORT

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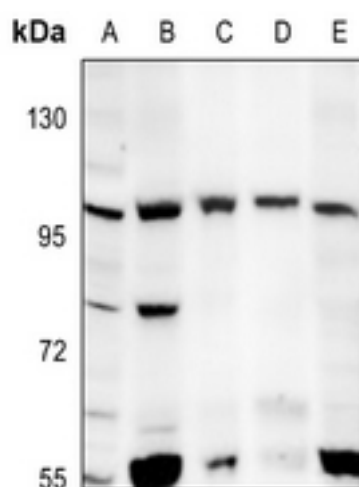
### ORDERS

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Immunocytochemical analysis of mGLUR6 staining in NIH3T3 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



Western blotting analysis of mGLUR6 expression in C6 (A), SP20 (B), SHSY5Y (C), U87MG (D), A375 (E) whole cell lysates.