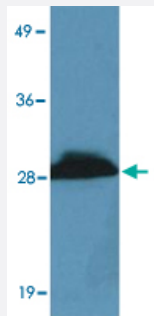


# PRR7 monoclonal antibody, clone TRAP3/10

Catalog # MAB6689

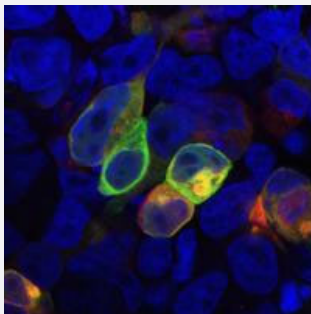
Size 100 ug

## Applications



### Western Blot (Tissue lysate)

Detection of PRR7 in murine brain lysate by Western blotting using PRR7 monoclonal antibody, clone TRAP3/10 (Cat # MAB6689).



### Immunofluorescence

Immunofluorescence staining of HEK-293 cells cotransfected with PRR7 (red) and GFP-PSD-95 (green). PRR7 detected by PRR7 monoclonal antibody, clone TRAP3/10 (Cat # MAB6689). DNA visualized by DAPI (blue).

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against recombinant PRR7.
<b>Immunogen</b>	Recombinant protein corresponding to amino acids 126-253 of human PRR7.
<b>Host</b>	Mouse
<b>Theoretical MW (kDa)</b>	28
<b>Reactivity</b>	Human, Mouse
<b>Specificity</b>	This antibody recognizes PRR7, a 28 KDa proline-rich membrane protein presumably associated with NMDA receptor complex.

Form	Liquid
Concentration	1 mg/mL
Isotype	IgG2a
Recommend Usage	Immunocytochemistry (10 ug/mL) Western Blot (1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.09% sodium azide)
Storage Instruction	Store at 4°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Tissue lysate)

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- Immunocytochemistry

- Immunofluorescence

Immunofluorescence staining of HEK-293 cells cotransfected with PRR7 (red) and GFP-PSD-95 (green). PRR7 detected by PRR7 monoclonal antibody, clone TRAP3/10 (Cat # MAB6689). DNA visualized by DAPI (blue).

## Gene Info — PRR7

Entrez GeneID	<a href="#">80758</a>
Gene Name	PRR7
Gene Alias	MGC10772
Gene Description	proline rich 7 (synaptic)
Gene Ontology	<a href="#">Hyperlink</a>
Other Designations	-

## Publication Reference

- [Reciprocal control of excitatory synapse numbers by Wnt and Wnt inhibitor PRR7 secreted on exosomes.](#)

Lee SH, Shin SM, Zhong P, Kim HT, Kim DI, Kim JM, Do Heo W, Kim DW, Yeo CY, Kim CH, Liu QS.

Nature Communications 2018 Aug; 9(1):3434.

Application: IF, WB-Tr, Human, Mouse, Hippocampal neuron, HEK293 cells