

## Datasheet

### PTPRR monoclonal antibody, clone 6A6

**Catalog Number:** MAB5645

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against recombinant PTPRR.

**Clone Name:** 6A6

**Immunogen:** Recombinant GST fusion protein corresponding to mouse PTPRR.

**Host:** Mouse

**Reactivity:** Mouse

**Applications:** IHC, IP, WB

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Specificity:** Protein tyrosine phosphatases (PTPs) are the enzymes that are instrumental in determining the spatial and temporal balance between the tyrosine phosphorylated and non-phosphorylated targets, and thus coordinately regulate these cellular responses to extracellular cues. The Ptprr gene gives rise to 4 different neuronal phosphatases which differ in length of their N-terminal part and subcellular localization. PTPBR7 (72 KDa) is receptor-like, PTP-SL (60 KDa) is membrane associated and PTPBSGamma (42 and 37 KDa) is a cytosolic phosphatase. This antibody is directed to the common part of these proteins.

**Form:** Lyophilized

**Isotype:** IgG2a

**Recommend Usage:** The optimal working dilution should be determined by the end user.

**Storage Buffer:** Lyophilized from 10 mM ammonium bicarbonate buffer (2 mg BSA)

**Storage Instruction:** Store at 4°C on dry atmosphere. After reconstitution with deionized water, store at -20°C or lower.

Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 19279

**Gene Symbol:** Ptprr

**Gene Alias:** Gmcp1, PTP-SL, PTPBR7, mPTP213