

# Anti-PTPRM Antibody

## ER61845



<b>Product Type:</b>	Rabbit polyclonal IgG, primary antibodies
<b>Species reactivity:</b>	Human, Mouse
<b>Applications:</b>	WB
<b>Molecular Wt:</b>	159 kDa

**Description:** The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This PTP possesses an extracellular region, a single transmembrane region, and two tandem catalytic domains, and thus represents a receptor-type PTP. The extracellular region contains a meprin-A5 antigen-PTP mu (MAM) domain, an Ig-like domain and four fibronectin type III-like repeats. This PTP has been shown to mediate cell-cell aggregation through the interaction with another molecule of this PTP on an adjacent cell. This PTP can interact with scaffolding protein RACK1/GNB2L1, which may be necessary for the downstream signaling in response to cell-cell adhesion. Alternative splicing results in multiple transcrip

**Immunogen:** Synthesized peptide derived from part region of human protein

**Positive control:** Brain, Clones donated by RIKEN, Plasma, Testis,

**Database links:** SwissProt: P28827 Human

**Recommended Dilutions:**  
**WB** 1:500-1:2000

**Storage Buffer:** Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.

**Storage Instruction:** Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

**Purity:** Immunogen affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

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Service mail: support@huabio.cn

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