



CD148 Monoclonal Antibody

Catalog No BYmab-14021 Isotype IgG Reactivity Human;Rat;Mouse; Applications WB Gene Name PTPRJ Protein Name Receptor-type tyrosine-protein phosphatase eta Immunogen The antiserum was produced against synthesized peptide derived from the Internal region of human PTPRJ, AA range:861-910 Specificity CD148 Monoclonal Antibody detects endogenous levels of CD148 protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse, IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms PTPRJ; DEP1; Receptor-type tyrosine-protein phosphatase eta; Protein-tyrosine phosphatase eta; Protein-tyrosine phosphatase receptor type J; R-PTP-J; CD148 Observed Band 150kD Cell Pathway Cell membrane; Single-pass type I membrane protein. Cell projection, ruffle membrane. Cell junction. After T-cell stimulation, it is temporarily excluded from immunological synapses.		
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tyrosine-protein phosphatase domain.,similarity:Contains 9 fibronectin type-III domains.,

Background

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 containing five fibronectin type III repeats, a single transmembrane region, and a single intracytoplasmic catalytic domain, and thus represents a receptor-type PTP. This protein is present in all hematopoietic lineages, and was shown to negatively regulate T cell receptor signaling possibly through interfering with the phosphorylation of Phospholipase C Gamma 1 and Linker for Activation of T Cells. This protein can also dephosphorylate the PDGF beta receptor, and may be involved in UV-induced signal transduction. Multiple transcript variants encoding different isoforms

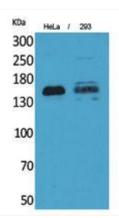
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using CD148 Monoclonal Antibody

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