

Mouse anti-Human CD148 Monoclonal Antibody | anti-CD148 antibody

Mouse Monoclonal Antibody to CD148

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA268489	Mouse	Human	Flow Cytometry, Functional Assay, Western Blot, ELISA

PRODUCT SYNONYMS

CD148; Monoclonal Antibody; Mouse Monoclonal Antibody to CD148; PTPRJ; DEP1; SCC1; HPTPeta; R-PTP-ETA; anti-CD148 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	1D2C11
Purity/Purification	Purified antibody
Form/Format	PBS with 0.05% sodium azide
Applicable Applications for anti-CD148 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), ELISA
Immunogen	Purified recombinant fragment of human CD148 (AA: extra 36-210) expressed in E. Coli.
Preparation and Storage	Store at 4°C ; -20°C for long term storage.

ADDITIONAL INFORMATION

Related Product Information for anti-CD148 antibody	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 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 have been found for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GeneID	5795
Molecular Weight	146kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd148-antibody-clone-1d2c11-flow-cytometry-western-blot-elisa/268489>