Product Datasheet

Mouse Anti- Human PRELP

Overview

Product number	**PDZMM122**
Host species	Mouse
Target species	Human
Suitable for: Dot blot, ICC, IHC-Fr	IHC-P, WB, ELISA, Immunomicroscopy,

Immunogen A KLH-conjugated synthetic peptide derived from human Proline/arginine-rich end leucine-rich repeat protein (PRELP) protein was used for immunization.

Conjugation Unconjugated

Properties

Form Liquid

Storage instructions Shipped at 4 °C. Store at -20 °C. Avoid freeze/thaw cycle. Please see notes section.

Storage buffer Phosphate buffered saline pH 7.4, contains stabilizer and ≤0.09% sodium azide.

Purity immunogen affinity or SpG purified

Purification notes This product was prepared by immunoaffinity chromatography using immunogen peptide coupled to Sepharose 4B.

Conjugation notes -

Clonality Monoclonal

Isotype IgM

General notes For extended storage aliquot contents and freeze at -20 °C or below. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4 °C as an undiluted liquid. Dilute only prior to immediate use.
Our customer's feedback says the antibody worked great. If in case the antibody fails to give results then please contact our scientific support team for assistance.

Applications

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end-user.

Product Usage Information:

Application Dilutions

Western Blotting	3-5 ug/ml
Immunohistochemistry (Paraffin)	5-10 ug/ml
Immunohistochemistry (Frozen)	5-10 ug/ml
Immunofluorescence	5-10 ug/ml
Flow Cytometry	5-10 ug/ml

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Background:

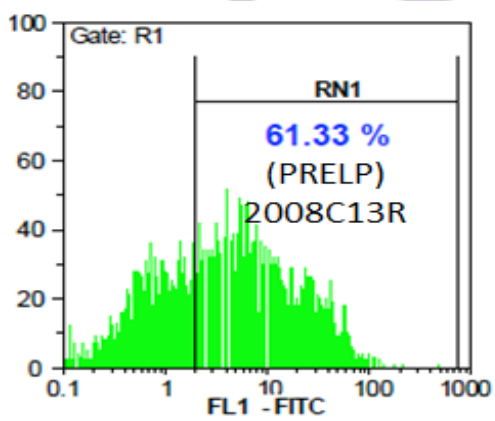
PRELP or Prolargin is a protein that in humans is encoded by the PRELP gene.
The protein encoded by this gene is a leucine-rich repeat protein present in connective tissue extracellular matrix. This protein functions as a molecule anchoring basement membranes to the underlying connective tissue. This protein has been shown to bind type I collagen to basement membranes and type II collagen to cartilage. It also binds the basement membrane heparan sulfate proteoglycan perlecan. This protein is suggested to be involved in the pathogenesis of Hutchinson–Gilford progeria (HGP), which is reported to lack the binding of collagen in basement membranes and cartilage. Alternatively spliced transcript variants encoding the same protein have been observed

Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA and 50% glycerol. Store at –20°C. After receiving aliquot the antibody and store at –20°C.

Terms and conditions

Guarantee only valid for products bought direct from PADZA or one of our authorized distributors

References:



Note: This product has originally been developed at Avicenna Research Institute, Tehran, IRAN and assigned to PADZA Company according to contract 98/15/191dated 98/01/10.