



CRABP I (Cellular retinoic acid binding protein I) Monoclonal Antibody

Cat No: G01002 - 100 µL

General Data

Shipping:	wet ice
Formulation:	Liquid Ascite, does not contain any preservative therefore avoid repeat freezing and thawing cycles
Host:	Mouse
Antigen:	synthetic peptide
Clone:	10F5
Isotype:	IgG1, κ

Application(s):	ELISA
	Western Blot
	Immunocytochemistry
	recommended dilution: 1/500-1/5000

Specificity:	mouse and human CRABPI. No cross reactivity on CRABPII.
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Product Overview

Cellular retinoic acid-binding protein 1 is a protein that in humans is encoded by the CRABP1 gene. A number of specific carrier proteins for members of the vitamin A family have been discovered. CRABP is assumed to play an important role in retinoic acid-mediated differentiation and proliferation processes. CRABP1 is structurally similar to the cellular retinol-binding proteins, but binds only retinoic acid, and constitutively expressed. It is thought to play an important role in retinoic acid-mediated differentiation and proliferation processes. In addition, Crabp1 protects cells from excess RA by binding it in the cytosol, away from RARs.

Scientific Literature

Gaub MP, Lutz Y, Ghyselinck NB, Scheuer I, Pfister V, Chambon P, Rochette-Egly C. Nuclear detection of cellular retinoic acid binding proteins I and II with new antibodies. J Histochem Cytochem. 1998

Oct;46(10):1103-11.

FP/26/24

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