



CRABP II (Cellular retinoic acid binding protein II) \hat{A} Monoclonal Antibody

Cat No: G01003 - 100 \hat{A} μ L

General Data

Shipping:	wet ice
Formulation:	Liquid Ascite, does not contain any preservative therefore avoid repeat freezing and thawing cycles
Host:	Mouse
Antigen:	recombinant protein corresponding to full length human CRABP II
Clone:	3B3
Isotype:	IgG2a, κ



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

Specificity: mouse and human CRABP II. No cross reactivity on CRABP I.

Product Overview

The vitamin A metabolite retinoic acid (RA) regulates gene transcription by activating several members of the nuclear receptor family of ligand-activated transcription factors: the classical RA receptors RAR α , RAR β , and RAR γ and the peroxisome proliferator-activated receptor β/δ (PPAR β/δ). The partitioning of the hormone between its receptors is regulated by two intracellular lipid-binding proteins, cellular retinoic acid-binding protein type II (CRABP-II), which delivers RA to RAR, and fatty acid-binding protein type 5 (FABP5), which shuttles it to PPAR β/δ .

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.

Delva L, Bastie JN, Rochette-Egly C, Kraiba R, Balitrand N, Despouy G, Chambon P, Chomienne C. Physical and functional interactions between cellular retinoic acid binding protein II and the retinoic acid-dependent nuclear complex. *Mol Cell Biol.* 1999 Oct;19(10):7158-67.

FP/03/24

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