# **Product Information**



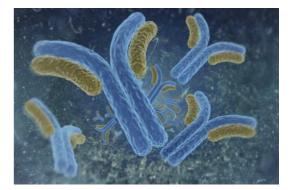


# CRABP II (Cellular retinoic acid binding protein II)Â Monoclonal Antibody

**Cat No: G01004** - 100 ÂμL

## **General Data**

| Shipping:       | wet ice   |
|-----------------|---|
| Stability:      | Store at -20degrees; shelf life 3 year maximum after production Avoid repeat freezing and thawing cycles. Does not contain any preservative |
| Formulation:    | Liquid Ascite, does not contain any preservative therefore<br>avoid repeat freezing and thawing cycles                                      |
| Host:           | Mouse   |
| Antigen:        | synthetic peptide   |
| Clone:          | 4C9   |
| Isotype:        | lgG1, κ   |
| Application(s): | ELISA   |
|                 | Western Blot  |
|                 | Immunocytochemistry   |
|                 | recommended dilution: 1/500- 1/5000   |
|                 |   |



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

#### **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 $\alpha$ , RAR $\beta$ , and RAR $\gamma$  and the peroxisome proliferator-activated receptor  $\beta/\delta$  (PPAR $\beta/\delta$ ). 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 $\beta/\delta$ .

#### 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/19/20

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#### **Contact Bertin Bioreagent**

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