

A Reliable Research Partner in Life Science and Medicine

## **Recombinant CRABP2 Monoclonal Antibody**

catalog number: AN300227P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

### Description

Reactivity Human

Immunogen Recombinant Human CRABP2 protein

Host Rabbit Isotype lgG Clone B145 **Purification** Protein A

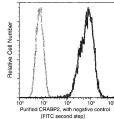
Buffer 0.2 µm filtered solution in PBS

#### **Applications Recommended Dilution**

1:500-1:1000 WB 1:100-1:500 **FCM** 1:100-1:500 ICC/IF

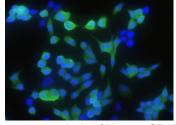
0.1-0.5 µL/mg of lysate ΙP

### Data

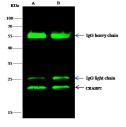


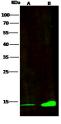
Flow cytometric analysis of Human CRABP2 expression on Immunofluorescence analysis of Human CRABP2 in MCF7 MCF-7 cells. The cells were stained with purified anti-Human cells. Cells were fixed with 4% PFA, permeabilzed with 1% CRABP2, then a FITC-conjugated second step antibody.

The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.



Triton X-100 in PBS, blocked with 10% serum, and incubated with Rabbit anti-Human CRABP2 Monoclonal Antibody (1:300) at 4°C overnight. Then cells were stained with the Alexa Fluor® 488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI for nuclear staining (blue). Positive staining was localized to cytoplasm.





Toll-free: 1-888-852-8623 Fax: 1-832-243-6017 Tel: 1-832-243-6086 Web: www.elabscience.com Email: techsupport@elabscience.com Rev. V1.2

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Immunoprecipitation analysis using 0.5 µL anti-CRABP2
Monoclonal Antibody and 60 µg of Immunomagnetic beads
Protein G. Western blot was performed from the
immunoprecipitate using CRABP2 Monoclonal Antibody at a
dilution of 1:500. Lane A:0.5 mg 293T Whole Cell Lysate
Lane B:0.5 mg Raji Whole Cell Lysate

Observed-MW:16 kDa Calculated-MW:16 kDa

Western Blot with CRABP2 Monoclonal Antibody at dilution of 1:500. Lane A: 293T Whole Cell Lysate, Lane B: MCF7 Whole Cell Lysate, Lysates/proteins at 30 μg per lane.

Observed-MW:16 kDa Calculated-MW:16 kDa

### **Preparation & Storage**

Storage This antibody can be stored at 2°C-8°C for one month without detectable loss of

activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.

Shipping Ice bag

### **Background**

This gene encodes a member of the retinoic acid (RA, a form of vitamin A) binding protein family and lipocalin/ cytosolic fatty-acid binding protein family. The protein is a cytosol-to-nuclear shuttling protein, which facilitates RA binding to its cognate receptor complex and transfer to the nucleus. It is involved in the retinoid signaling pathway, and is associated with increased circulating low-density lipoprotein cholesterol. Alternatively spliced transcript variants encoding the same protein have been found for this gene.

For Research Use Only

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