For Research Use Only

CoraLite®594-conjugated CRABP2 Monoclonal antibody

Catalog Number:CL594-66468 Featured Product

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
CL594-66468

Size:
100ul , Concentration: 1000 ug/ml by Nanodrop;

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG0309

GenBank Accession Number:
BC001109

GeneID (NCBI):
1382

UNIPROT ID:
P29373

Full Name:
cellular retinoic acid binding protein 2

Calculated MW:
16 kDa

Observed MW:
14 kDa

Purification Method:
Protein G purification

CloneNo.:
1A5F3

Recommended Dilutions:
IF-P 1:50-1:500

Excitation/Emission maxima wavelengths:
588 nm / 604 nm

Applications

Tested Applications:
IF-P, FC (Intra)

Species Specificity:
human, mouse, rat, pig

Positive Controls:

IF-P : human skin cancer tissue,

Background Information

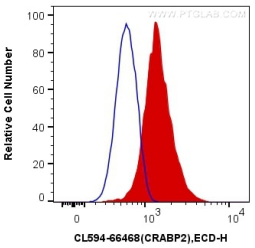
Cellular retinoic acid binding protein 2 (CRABP2, synonyms: RBP6, CRABP-II). A number of specific carrier proteins for members of the vitamin A family have been discovered. Cellular retinoic acid binding proteins (CRABP) are low molecular weight proteins whose precise function remains unknown. CRABP2 is important in retinoic acid-mediated regulation of human skin growth and differentiation. It has been postulated that the CRABP2 gene is transcriptionally regulated by a newly synthesized regulatory protein.

Storage

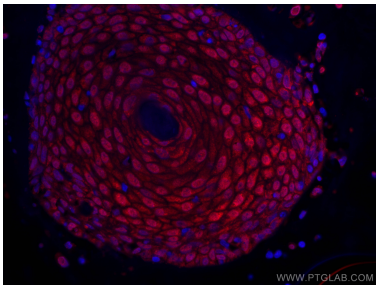
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

Selected Validation Data



1X10^6 MCF-7 cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human CRABP2 (CL594-66468, Clone:1A5F3) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



Immunofluorescent analysis of (4% PFA) fixed human skin cancer tissue using CoraLite®594-conjugated CRABP2 antibody (CL594-66468, Clone: 1A5F3) at dilution of 1:100.