

For Research Use Only

CoraLite®594-conjugated CRABP2 Monoclonal antibody



Catalog Number:CL594-66468

Featured Product

Basic Information

Catalog Number:

CL594-66468

Size:

1000 µg/ml

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:

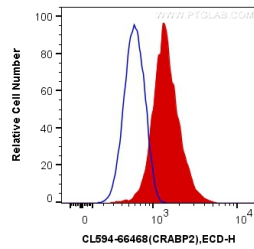
T: 4006900926

E: Proteintech-CN@ptglab.com

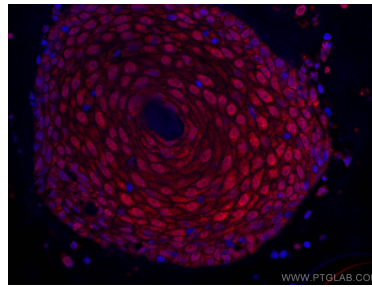
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ 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.