

For Research Use Only

CoraLite®594-conjugated CRABP2 Polyclonal antibody



Catalog Number:CL594-10225

Featured Product

Basic Information

Catalog Number:

CL594-10225

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

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

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF-P 1:50-1:500

IF/ICC 1:50-1:500

Excitation/Emission maxima
wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

IF/ICC, FC (Intra)

Species Specificity:

human, mouse, rat

Positive Controls:

IF-P : human skin cancer tissue,

IF/ICC : MCF-7 cells,

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.

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:

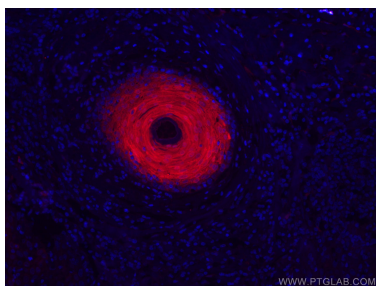
T: 4006900926

E: Proteintech-CN@ptglab.com

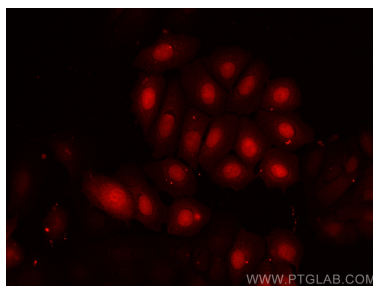
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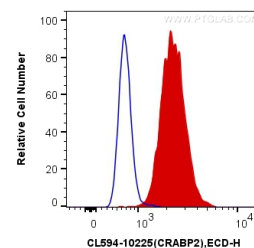
Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human skin cancer tissue using CoraLite®594-conjugated CRABP2 antibody (CL594-10225) at dilution of 1:50.



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using CoraLite®594 CRABP2 antibody (CL594-10225) at dilution of 1:200.



1X10⁶ MCF-7 cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human CRABP2 (CL594-10225) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).