

CoraLite® Plus 647-conjugated 14-3-3 Sigma Monoclonal antibody

Catalog Number: **CL647-66251**

Basic Information

Catalog Number:

CL647-66251

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG12644

GenBank Accession Number:

BC002995

GeneID (NCBI):

2810

UNIPROT ID:

P31947

Full Name:

stratifin

Calculated MW:

28 kDa

Observed MW:

28-30 kDa

Purification Method:

Protein G purification

CloneNo.:

3F10D9

Excitation/Emission maxima wavelengths:

654 nm / 674 nm

Applications

Tested Applications:

FC (Intra)

Species Specificity:

human

Background Information

14-3-3 Sigma is a member 14-3-3 family of highly conserved proteins participating in diverse cellular processes including cell cycle progression. It is exclusively present in various epithelial cells, and alternatively named as human epithelial marker (HEM), or stratifin. Alteration of its expression has been linked to cancer.

Storage

Storage:

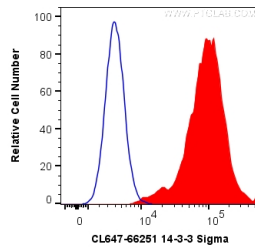
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



1X10⁶ HeLa cells were intracellularly stained with 0.2 ug Coralite® Plus 647 Anti-Human 14-3-3 Sigma (CL647-66251, Clone:3F10D9) (red), or 0.2 ug APC Mouse IgG2b Isotype Control (APC-65128, Clone: MPC-11) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).