

CoraLite® Plus 488-conjugated Destrin Monoclonal antibody

Catalog Number: **CL488-67657**

Basic Information

Catalog Number:

CL488-67657

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG1402

GenBank Accession Number:

BC009477

GeneID (NCBI):

11034

UNIPROT ID:

P60981

Full Name:

destrin (actin depolymerizing factor)

Calculated MW:

19 kDa

Observed MW:

18-19 kDa

Purification Method:

Protein G purification

CloneNo.:

1A12D9

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

FC (Intra)

Species Specificity:

Human, mouse, rat, pig

Background Information

Destrin (also known as actin depolymerization factor, ADF) is an actin-binding protein contributing to cytoskeletal dynamics by promoting rapid actin filament disassembly. By regulating actin cytoskeletal reorganization it plays an important role in the formation of filopodia, which further promotes tumor cell invasion and metastasis. Destrin has been reported to be overexpressed in primary colon cancer.

Storage

Storage:

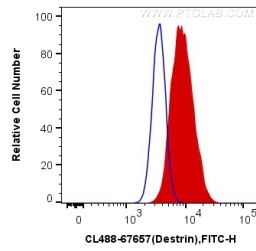
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

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 MCF-7 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human Dextrin (CL488-67657, Clone:1A12D9) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).