

For Research Use Only

# CoraLite® Plus 488-conjugated Dextrin Monoclonal antibody



Catalog Number: **CL488-67657**

## Basic Information

<b>Catalog Number:</b> CL488-67657	<b>GenBank Accession Number:</b> BC009477	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 11034	<b>CloneNo.:</b> 1A12D9
<b>Source:</b> Mouse	<b>Full Name:</b> dextrin (actin depolymerizing factor)	<b>Excitation/Emission maxima wavelengths:</b> 488 nm / 515 nm
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 19 kDa	
<b>Immunogen Catalog Number:</b> AG1402	<b>Observed MW:</b> 18-19 kDa	

## Applications

**Tested Applications:**  
FC (Intra)

**Species Specificity:**  
Human, mouse, rat, pig

## Background Information

Dextrin (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. Dextrin 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.

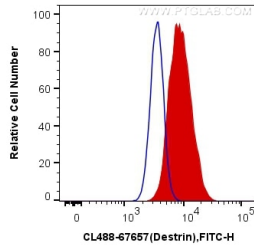
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



1X10<sup>6</sup> 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).