

For Research Use Only

CoraLite®594-conjugated NDP52 Monoclonal antibody



Catalog Number:CL594-66401

Basic Information

Catalog Number: CL594-66401	GenBank Accession Number: BC015893	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 10241	CloneNo.: 2F2C2
Source: Mouse	Full Name: calcium binding and coiled-coil domain 2	Excitation/Emission maxima wavelengths: 593 nm / 614 nm
Isotype: IgG2a	Calculated MW: 446 aa, 52 kDa	
Immunogen Catalog Number: AG2866	Observed MW: 52 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
human

Background Information

NDP52, also named as CALCOCO2, is an autophagy receptor. It plays a role in ruffle formation and actin cytoskeleton organization. Mouse/Rat NDP52 has some isoforms with MW 28-40 kDa and 67 kDa. Human NDP52 has some isoforms with MW 43-47 kDa and 52-55 kDa,

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.

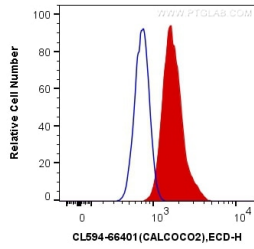
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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

Selected Validation Data



1X10⁶ Jurkat cells were intracellularly stained with 0.4 ug CoraLite® 594 Anti-Human NDP52 (CL594-66401, Clone: 2F2C2) (red), or 0.4 ug Mouse IgG2a Isotype Control (CL594-66360-2, Clone: K11A1B2A2) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).