

## Product Datasheet

## Anti-CDY1//2/L1/L2 Antibody FL550 Conjugate



## Overview

<b>Catalog #</b>	75-202-FL550
<b>Conjugate</b>	FL550 Ex: 550 nm, Em: 575 nm
<b>Isotype</b>	IgG1
<b>Clone Number</b>	N143/36
<b>Size</b>	200 µL
<b>Concentration</b>	0.5 mg/mL
<b>Host Species</b>	Mouse Monoclonal
<b>Format</b>	Purified by Protein A chromatography
<b>Buffer</b>	PBS with 0.09% azide
<b>Applications</b>	ICC
<b>Species Reactivity</b>	Human
<b>Immunogen</b>	Fusion protein amino acids 6-66 (Chromo domain) of human CDY1 (accession number Q9Y6F8) produced recombinantly in E. Coli
<b>Molecular Weight</b>	60 kDa
<b>Cite this Antibody</b>	Antibodies Inc Cat# 75-202-FL550, RRID: AB_2939749

## Details

<b>Target Description</b>	Testis-specific chromodomain protein Y 1 and Testis-specific chromodomain protein Y 2 are encoded by the genes CDY1 and CDY2A respectively, as well as the autosomal genes known as CDYL 1 and 2 (CDY-like). These protein products contain a chromodomain, involved in chromatin binding, and a histone acetyltransferase catalytic domain. These proteins are expressed ubiquitously in tissues. Diseases associated with CDYL include Chromosome 6Pter-P24 Deletion Syndrome.
<b>Specificity</b>	Cross-reacts with CDYL1 and CDYL2
<b>Purification Method</b>	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and conjugation of purified mAb. Purified mAbs are >90% specific antibody.
<b>Quality Control Tests</b>	Each new lot of antibody is quality control tested on cells overexpressing target protein and confirmed to give the expected staining pattern.
<b>Storage</b>	Aliquot and store at ≤ -20°C for long term storage. For short term storage, store at 2-8°C. For maximum recovery of product, centrifuge the vial prior to removing the cap.

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