

Datasheet for ABIN1701718

**anti-C2orf50 antibody (AA 51-150) (Cy3)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                         |
| Target:              | C2orf50 (C2ORF50)                                                                                                              |
| Binding Specificity: | AA 51-150                                                                                                                      |
| Reactivity:          | Human                                                                                                                          |
| Host:                | Rabbit                                                                                                                         |
| Clonality:           | Polyclonal                                                                                                                     |
| Conjugate:           | This C2orf50 antibody is conjugated to Cy3                                                                                     |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |                                                             |
|-----------------------|-------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human C2orf50 |
| Isotype:              | IgG                                                         |
| Predicted Reactivity: | Human                                                       |
| Purification:         | Purified by Protein A.                                      |

## Target Details

|                   |                                                                               |
|-------------------|-------------------------------------------------------------------------------|
| Target:           | C2orf50 (C2ORF50)                                                             |
| Alternative Name: | C2orf50 ( <a href="#">C2ORF50 Products</a> )                                  |
| Background:       | Synonyms: C2orf50, CB050_HUMAN, Chromosome 2 open reading frame 50, FLJ25143, |

## Target Details

Hypothetical protein LOC130813, MGC149401, Uncharacterized protein C2orf50.

Background: C2orf50 (chromosome 2 open reading frame 50), also known as FLJ25143 or MGC149401, is a 162 amino acid protein that is encoded by a gene located on human chromosome 2p25.1. The second largest human chromosome, chromosome 2 consists of 237 million bases, encodes over 1,400 genes and makes up approximately 8 % of the human genome. A number of genetic diseases are linked to genes on chromosome 2. Harlequin ichthyosis, a rare and morbid skin deformity, is associated with mutations in the ABCA12 gene. The lipid metabolic disorder sitosterolemia is associated with ABCG5 and ABCG8. An extremely rare recessive genetic disorder, Alstr syndrome is due to mutations in the ALMS1 gene. Interestingly, chromosome 2 contains what appears to be a vestigial second centromere and vestigial telomeres which gives credence to the hypothesis that human chromosome 2 is the result of an ancient fusion of two ancestral chromosomes seen in modern form today in apes.

Gene ID: 130813

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months