

Datasheet for ABIN6978049

**anti-Cytokeratin 18 antibody (AbBy Fluor® 488)**[Go to Product page](#)

## Overview

|              |                                                                      |
|--------------|----------------------------------------------------------------------|
| Quantity:    | 100 µL                                                               |
| Target:      | Cytokeratin 18 (KRT18)                                               |
| Reactivity:  | Human, Mouse                                                         |
| Host:        | Mouse                                                                |
| Clonality:   | Monoclonal                                                           |
| Conjugate:   | This Cytokeratin 18 antibody is conjugated to AbBy Fluor® 488        |
| Application: | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)) |

## Product Details

|                   |                                                          |
|-------------------|----------------------------------------------------------|
| Immunogen:        | KLH conjugated synthetic peptide derived from human CK18 |
| Clone:            | 10H2                                                     |
| Isotype:          | IgG                                                      |
| Cross-Reactivity: | Human, Mouse                                             |
| Purification:     | Purified by Protein G.                                   |

## Target Details

|                   |                                                                                                                                                                                              |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | Cytokeratin 18 (KRT18)                                                                                                                                                                       |
| Alternative Name: | CK18 ( <a href="#">KRT18 Products</a> )                                                                                                                                                      |
| Background:       | Synonyms: Cell proliferation inducing gene 46 protein, Cell proliferation inducing protein 46, CK 18, CK18, CYK18, Cytokeratin 18, Cytokeratin endo B, Cytokeratin18, Keratin 18, Keratin D, |

## Target Details

Keratin type I cytoskeletal 18, Kerd, KRT18.

Background: KRT18 encodes the type I intermediate filament chain keratin 18. Keratin 18, together with its filament partner keratin 8, are perhaps the most commonly found members of the intermediate filament gene family. They are expressed in single layer epithelial tissues of the body. Mutations in this gene have been linked to cryptogenic cirrhosis. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq].

Gene ID: 3875

UniProt: [P05783](#)

Pathways: [Apoptosis, Caspase Cascade in Apoptosis](#)

## Application Details

Application Notes: 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