

Datasheet for ABIN890859

**anti-Cytokeratin 18 antibody (AA 53-150) (AbBy Fluor® 647)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                                          |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                                                   |
| Target:              | Cytokeratin 18 (KRT18)                                                                                                                                   |
| Binding Specificity: | AA 53-150                                                                                                                                                |
| Reactivity:          | Human, Mouse, Rat, Pig                                                                                                                                   |
| Host:                | Rabbit                                                                                                                                                   |
| Clonality:           | Polyclonal                                                                                                                                               |
| Conjugate:           | This Cytokeratin 18 antibody is conjugated to AbBy Fluor® 647                                                                                            |
| Application:         | Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)),<br>Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |                                                          |
|-----------------------|----------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human CK18 |
| Isotype:              | IgG                                                      |
| Cross-Reactivity:     | Human, Mouse, Pig, Rat                                   |
| Predicted Reactivity: | Dog,Cow,Horse,Rabbit                                     |
| Purification:         | Purified by Protein A.                                   |

## Target Details

|                   |                                         |
|-------------------|-----------------------------------------|
| Target:           | Cytokeratin 18 (KRT18)                  |
| Alternative Name: | Ck18 ( <a href="#">KRT18 Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | <p>Synonyms: K18, CYK18, Keratin, type I cytoskeletal 18, Cell proliferation-inducing gene 46 protein, Cytokeratin-18, CK-18, Keratin-18, KRT18, PIG46</p> <p>Background: Involved in the uptake of thrombin-antithrombin complexes by hepatic cells (By similarity). When phosphorylated, plays a role in filament reorganization. Involved in the delivery of mutated CFTR to the plasma membrane. Together with KRT8, is involved in interleukin-6 (IL-6)-mediated barrier protection.</p> |
| Gene ID:    | 3875                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| UniProt:    | <a href="#">P05783</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Pathways:   | <a href="#">Apoptosis</a> , <a href="#">Caspase Cascade in Apoptosis</a>                                                                                                                                                                                                                                                                                                                                                                                                                      |

## Application Details

|                    |                                                                                                 |
|--------------------|-------------------------------------------------------------------------------------------------|
| Application Notes: | <p>FCM 1:20-100</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p> |
| 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                                                                                                          |