

Datasheet for ABIN2892022

## anti-Cytokeratin 18 antibody (Ser48)



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### Overview

|                      |                                                                                                                                            |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                                     |
| Target:              | Cytokeratin 18 (KRT18)                                                                                                                     |
| Binding Specificity: | Ser48                                                                                                                                      |
| Reactivity:          | Human                                                                                                                                      |
| Host:                | Rabbit                                                                                                                                     |
| Clonality:           | Polyclonal                                                                                                                                 |
| Conjugate:           | This Cytokeratin 18 antibody is un-conjugated                                                                                              |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF),<br>Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

### Product Details

|               |                                                                     |
|---------------|---------------------------------------------------------------------|
| Immunogen:    | Synthetic peptide around Ser48 of human Cytokeratin 18 / Keratin 18 |
|               | Type of Immunogen: Synthetic peptide                                |
| Specificity:  | Human Cytokeratin 18 / Keratin 18                                   |
| Purification: | Immunoaffinity purified                                             |

### Target Details

|                   |                                                                  |
|-------------------|------------------------------------------------------------------|
| Target:           | Cytokeratin 18 (KRT18)                                           |
| Alternative Name: | KRT18 / CK18 / Cytokeratin 18 ( <a href="#">KRT18 Products</a> ) |
| Background:       | Name/Gene ID: KRT18                                              |

## Target Details

|           |                                                                                            |
|-----------|--------------------------------------------------------------------------------------------|
|           | Family: Keratin                                                                            |
|           | Synonyms: KRT18, CK-18, Cytokeratin 18, Cytokeratin-18, K18, Keratin 18, CYK18, Keratin-18 |
| Gene ID:  | 3875                                                                                       |
| UniProt:  | <a href="#">P05783</a>                                                                     |
| Pathways: | <a href="#">Apoptosis</a> , <a href="#">Caspase Cascade in Apoptosis</a>                   |

## Application Details

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Comment:           | Target Species of Antibody: Human                                  |
| Restrictions:      | For Research Use only                                              |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | Lot specific                                                                                                           |
| Buffer:            | PBS, pH 7.2, 0.05 % sodium azide                                                                                       |
| Preservative:      | Sodium azide                                                                                                           |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice:   | Avoid repeated freezing and thawing.                                                                                   |
| Storage:           | 4 °C,-20 °C                                                                                                            |
| Storage Comment:   | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.                               |