

## Cytokeratin 10 Polyclonal Antibody

Cat #: ABP51124

Size: 30µl /100µl /200µl

### Product Information

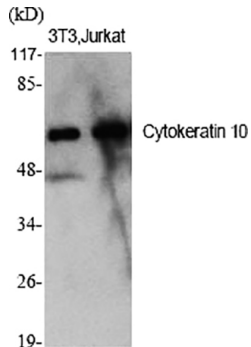
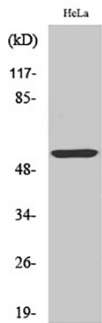
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|-----------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------|
|                                                                                   | <b>Product Name:</b> Cytokeratin 10 Polyclonal Antibody              |                                                                                   |                                           |
|                                                                                   | <b>Applications:</b> WB, IHC-P, IF, ELISA                            |                                                                                   | <b>Isotype:</b> Rabbit IgG                |
|                                                                                   | <b>Reactivity:</b> Human, Mouse, Rat                                 |                                                                                   |                                           |
| <b>REF</b>                                                                        | <b>Catalog Number:</b> ABP51124                                      | <b>LOT</b>                                                                        | <b>Lot Number:</b> Refer to product label |
|                                                                                   | <b>Formulation:</b> Liquid                                           |                                                                                   | <b>Concentration:</b> 1 mg/ml             |
|  | <b>Storage:</b> Store at -20°C. Avoid repeated freeze / thaw cycles. |  | <b>Note:</b> Contain sodium azide.        |

**Background:** KRT10 encodes a member of the type I (acidic) cytokeratin family, which belongs to the superfamily of intermediate filament (IF) proteins. Keratins are heteropolymeric structural proteins which form the intermediate filament. These filaments, along with actin microfilaments and microtubules, compose the cytoskeleton of epithelial cells. Mutations in KRT10 are associated with epidermolytic hyperkeratosis. This gene is located within a cluster of keratin family members on chromosome 17q21.

**Application Notes:** Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IHC-P (1:100-1:300), IF (1:200-1:1000), ELISA (1:20000). Not yet tested in other applications.

**Storage Buffer:** PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

**Storage Instructions:** Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
|  <p>(kD)<br/>117-<br/>85-<br/>48-<br/>34-<br/>26-<br/>19-</p> <p>3T3, Jurkat</p> <p>Cytokeratin 10</p> | <p>Fig.1. Western Blot analysis of various cells using Cytokeratin 10 Polyclonal Antibody.</p> |
|  <p>(kD)<br/>117-<br/>85-<br/>48-<br/>34-<br/>26-<br/>19-</p> <p>HeLa</p>                              | <p>Fig.2. Western Blot analysis of HeLa cells using Cytokeratin 10 Polyclonal Antibody.</p>    |

**Note:** The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.