

## Cytokeratin 7 antibody [KRT7/1499R]

Cat. No. GTX34661

|              |                |
|--------------|----------------|
| Host         | Rabbit         |
| Clonality    | Monoclonal     |
| Isotype      | IgG            |
| Applications | WB, IHC-P, FCM |
| Reactivity   | Human          |

Package  
100 µg

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution          |
|--------------------|-------------------------------|
| WB                 | Assay dependent               |
| IHC-P              | 1-2µg/ml for 30 minutes at RT |
| FCM                | 1-2µg/10 <sup>6</sup> cells   |

**Note : Staining of formalin-fixed tissues is enhanced by heating tissue sections in 10mM Tris buffer with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes.**

Not tested in other applications.

|               |                                                                                                                                                                                                           |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Calculated MW | 51 kDa. ( <a href="#">Note</a> )                                                                                                                                                                          |
| Product Note  | This antibody recognizes an intermediate filament protein (IFP) of 55kDa, which is identified as cytokeratin 7. This MAb is highly specific to cytokeratin 7 and shows no cross-reaction with other IFPs. |

## Properties

|               |                                                                                                                                                                                                                            |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form          | Liquid                                                                                                                                                                                                                     |
| Buffer        | PBS, 0.05% BSA                                                                                                                                                                                                             |
| Preservative  | 0.05% Sodium azide                                                                                                                                                                                                         |
| Storage       | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Concentration | 0.2 mg/ml (Please refer to the vial label for the specific concentration.)                                                                                                                                                 |
| Immunogen     | Recombinant full-length human KRT7 protein                                                                                                                                                                                 |
| Purification  | Protein A purified                                                                                                                                                                                                         |
| Conjugation   | Unconjugated                                                                                                                                                                                                               |



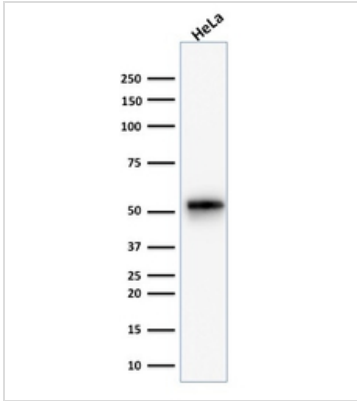
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Date 2026 / 10 / 13 Page 1 of 2

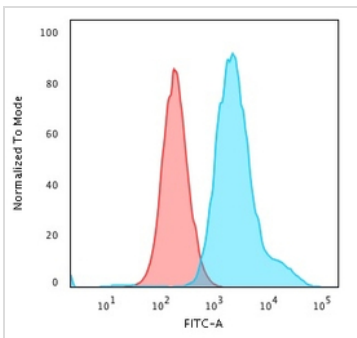
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**Note**

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

**DATA IMAGES**

**GTX34661 WB Image**

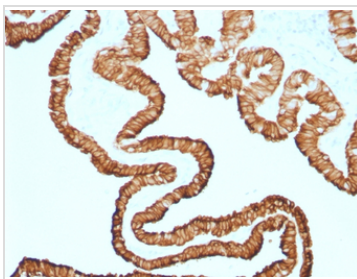
WB analysis of HeLa cell lysate using GTX34661 Cytokeratin 7 antibody [KRT7/1499R].


**GTX34661 FCM Image**

FACS analysis of PFA-fixed HeLa cells using GTX34661 Cytokeratin 7 antibody [KRT7/1499R].

Blue : Primary antibody

Red : Isotype control


**GTX34661 IHC-P Image**

IHC-P analysis of human oviduct tissue using GTX34661 Cytokeratin 7 antibody [KRT7/1499R].



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