# Cytokeratin 7 antibody [K72.7]

## Cat. No. GTX34657

| | |
|---|---|
| **Host** | Mouse |
| **Clonality** | Monoclonal |
| **Isotype** | IgG1 |
| **Applications** | WB, ICC/IF, 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 | 1-2µg/ml |
| ICC/IF | 1-2µg/ml |
| IHC-P | 1-2µg/ml for 30 minutes at RT |
| FCM | 1-2µg/$10^6$ cells |

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

Not tested in other applications.

| | |
|---|---|
| **Calculated MW** | 51 kDa. ( Note ) |
| **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 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles. |
| **Concentration** | 0.2 mg/ml (Please refer to the vial label for the specific concentration.) |
| **Immunogen** | Semi-Purified cytokeratin preparation. |
| **Purification** | Protein A/G purified |
| **Conjugation** | Unconjugated |

**For full product information, images and publications, please visit our website.**

**Note**

## DATA IMAGES
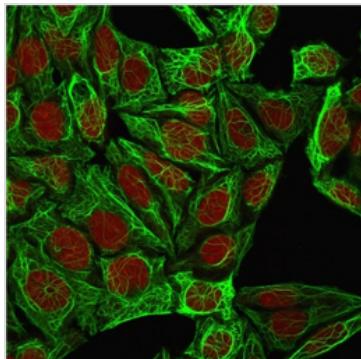


**GTX34657 ICC/IF Image**

ICC/IF analysis of MeOH-fixed HeLa cells using GTX34657 Cytokeratin 7 antibody [K72.7].
Green : Primary antibody
Red : nucleus
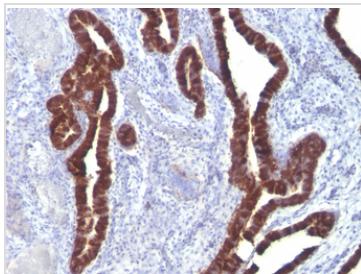


**GTX34657 IHC-P Image**

IHC-P analysis of ovarian carcinoma tissue using GTX34657 Cytokeratin 7 antibody [K72.7].
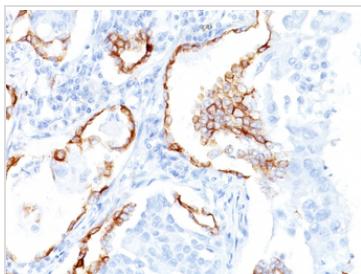


**GTX34657 IHC-P Image**

IHC-P analysis of human lung scc tissue using GTX34657 Cytokeratin 7 antibody [K72.7].

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GeneTex, Inc. ( North America )

1-877-436-3839 ( Toll-free )   1-949-309-2888   sales@genetex.com

GeneTex International Corporation ( Global )

886-3-6208988   886-3-6208989   infoasia@genetex.com