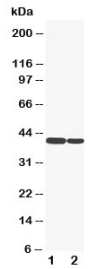
# Cytokeratin 19 Antibody (R30400)

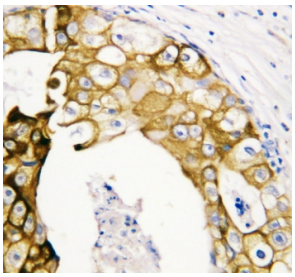
| Catalog No. | Formulation | Size |
|---|---|---|
| R30400 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

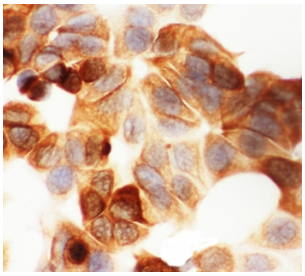
| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit IgG |
| **Purity** | Antigen affinity |
| **Buffer** | Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal |
| **UniProt** | P08727 |
| **Localization** | Cytoplasmic |
| **Applications** | Western blot: 0.5-1ug/ml<br>IHC (FFPE): 0.5-1ug/ml<br>IHC (Frozen): 0.5-1ug/ml<br>Immunocytochemistry: 0.5-1ug/ml |
| **Limitations** | This Cytokeratin 19 antibody is available for research use only. |




Western blot testing of Cytokeratin 19 antibody and Lane 1: HT1080; 2: COLO320 cell lysate. Predicted molecular weight ~43kDa.



IHC-P: Cytokeratin 19 antibody testing of human oesophagus squama cancer tissue



ICC testing of MCF-7 cells

## Description

Keratin, type I cytoskeletal 19 is a protein that in humans is encoded by the KRT19 gene.The protein encoded by this gene is a member of the keratin family. It is specifically expressed in the periderm, the transiently superficial layer that envelops the developing epidermis. The type I cytokeratins are clustered in a region of chromosome 17q12-q21. Due to its high sensitivity, KRT19 is the most used marker for the RT-PCR-mediated detection of tumor cells disseminated in lymph nodes, peripheral blood, and bone marrow of breast cancer patients. Keratin 19 is often used together with keratin 8 and keratin 18 to differentiate cells of epithelial origin from hematopoietic cells in tests that enumerate circulating tumor cells in blood.

For additional KRT19 detection options, see our anchor Cytokeratin 19 Antibody KRT19/799 | CK19 | V2678.

## Application Notes

The stated application concentrations are suggested starting amounts. Titration of the Cytokeratin 19 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

An amino acid sequence from the C-terminus of human Cytokeratin 19 (YRSLLEGQEDHYNN) was used as the immunogen for this Cytokeratin 19 antibody.

## Storage

After reconstitution, the Cytokeratin 19 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Copyright © NSJ Bioreagents. All rights reserved.