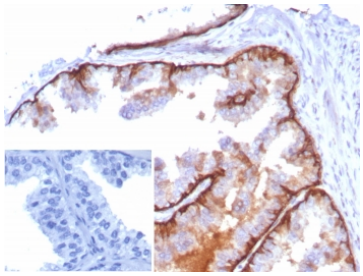
# Cytokeratin 5 Antibody KRT5/8814R / KRT5 Rabbit MAb [clone KRT5/8814R] (V4286)

| Catalog No. | Formulation | Size |
|---|---|---|
| V4286-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 100 ug |
| V4286-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 20 ug |
| V4286SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free | 100 ug |

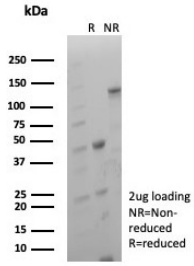
Recombinant RABBIT MONOCLONAL

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Purified |
| **Host** | Rabbit |
| **Clonality** | Recombinant Rabbit Monoclonal |
| **Isotype** | Rabbit IgG, kappa |
| **Clone Name** | KRT5/8814R |
| **Purity** | Protein A/G affinity |
| **UniProt** | P13647 |
| **Localization** | Cytoplasm |
| **Applications** | Immunohistochemistry (FFPE) : 1-2ug/ml for 30 minutes at RT |
| **Limitations** | This Cytokeratin 5 Antibody KRT5/8814R is available for research use only. |



IHC staining of FFPE human tonsil tissue with Cytokeratin 5 Antibody KRT5/8814R. Inset: PBS used in place of primary Ab (secondary Ab negative control). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.




SDS-PAGE analysis of purified, BSA-free Cytokeratin 5 antibody (clone KRT5/8814R) as confirmation of integrity and purity.

## Description

Cytokeratin 5 Antibody KRT5/8814R recognizes a protein of 58kDa, which is identified as Cytokeratin 5 (KRT5). This type II cytokeratin is specifically expressed in the basal layer of the epidermis with family member KRT14. Antibodies to KRT5 identify basal cells of squamous and glandular epithelia, yoepithelial, and mesothelium. Anti-cytokeratin 5 has been reported useful in the differential diagnosis of metastatic carcinoma in the pleura versus epithelioid mesothelioma. Almost all squamous cell carcinomas, half of transitional carcinomas, and many undifferentiated large cell carcinomas express. Anti-KRT5, along with anti-p63, affords a high sensitivity and specificity for squamous differentiation. Myoepithelial cells of the breast, glandular epithelia, and basal cells of the prostate are labeled with anti-KRT5.

Explore our protein microarray-validated Cytokeratin 5 Antibody KRT5/3594 for investigating basal epithelial differentiation, squamous cell carcinomas, and keratin filament organization.

## Application Notes

Optimal dilution of the Cytokeratin 5 Antibody KRT5/8814R should be determined by the researcher.

## Immunogen

A recombinant partial protein sequence (within amino acids 316-590) from the human protein was used as the immunogen for the Cytokeratin 5 antibody.

## Storage

Aliquot the Cytokeratin 5 Antibody KRT5/8814R and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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