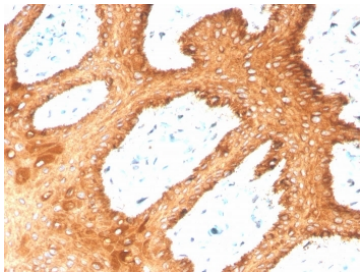
# Recombinant Type II Cytokeratin Antibody (CK1-8) [clone KRTH/4392R] (V8657)

| Catalog No. | Formulation | Size |
|---|---|---|
| V8657-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 100 ug |
| V8657-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 20 ug |
| V8657SAF-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 |
| **Clone Name** | KRTH/4392R |
| **Purity** | Protein A affinity chromatography |
| **UniProt** | Q01546 |
| **Localization** | Cytoplasmic |
| **Applications** | Immunohistochemistry (FFPE): 1-2ug/ml for 30 minutes at RT |
| **Limitations** | This recombinant Type II Cytokeratin antibody is available for research use only. |



IHC staining of FFPE human skin with recombinant Type II Cytokeratin antibody (clone KRTH/4392R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

## Description

The keratins are the typical intermediate filament proteins of epithelia, showing an outstanding degree of molecular diversity. Heteropolymeric filaments are formed by pairing of type I and type II molecules. In humans 54 functional keratin genes exist. They are expressed in highly specific patterns related to the epithelial type and stage of cellular differentiation. This antibody can detect high molecular weight CK1, CK2, CK3, CK4, CK5, CK6, CK7 and CK8. It is usually used in a cytokeratin cocktail with type I cytokeratins antibody.

## Application Notes

Optimal dilution of the recombinant Type II Cytokeratin antibody should be determined by the researcher.

## Immunogen

A portion of amino acids 300-400 from Type II Cytokeratins was used as the immunogen for the recombinant Type II Cytokeratin antibody.

## Storage

Store the recombinant Type II Cytokeratin antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).


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