

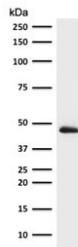
## Recombinant Cytokeratin 19 Antibody / Rabbit Monoclonal [clone CTKN19-2R] (V3743)

Catalog No.	Formulation	Size
V3743-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3743-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3743SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V3743IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

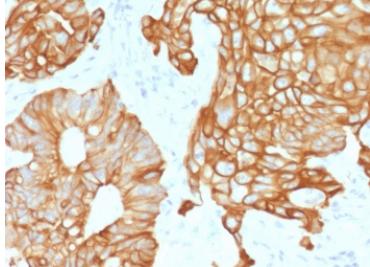
Recombinant **RABBIT MONOCLONAL**

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Recombinant Rabbit Monoclonal
<b>Isotype</b>	Rabbit IgG, kappa
<b>Clone Name</b>	CTKN19-2R
<b>Purity</b>	Protein A affinity chromatography
<b>UniProt</b>	P08727
<b>Localization</b>	Cytoplasmic, cell membrane, secreted
<b>Applications</b>	Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT Prediluted IHC Only Format : incubate for 30 min at RT (1)
<b>Limitations</b>	This recombinant Cytokeratin 19 antibody is available for research use only.



Western blot testing of human HepG2 antibody with Cytokeratin 19 antibody (clone CTKN19-2R). Predicted molecular weight ~43 kDa.



IHC testing of FFPE human colon tissue with recombinant Cytokeratin 19 antibody (clone CTKN19-2R). Required HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.

## Description

Keratin 19 is a type I keratin. The type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. Unlike its related family members, this smallest known acidic cytokeratin is not paired with a basic cytokeratin in epithelial cells. It is specifically found in the periderm, the transiently superficial layer that envelops the developing epidermis. [Wiki]

## Application Notes

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

1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

## Immunogen

Human mammary epithelial organoids were used as the immunogen for the recombinant Cytokeratin 19 antibody.

## Storage

Store the recombinant Cytokeratin 19 antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).