

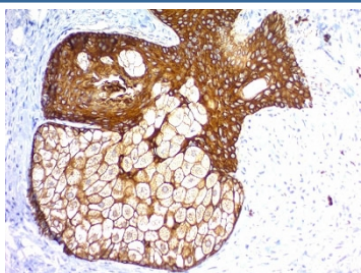
Recombinant Pan Cytokeratin Antibody Cocktail [clone KRTL/1577R + KRTH/1576R] (V7400)

Catalog No.	Formulation	Size
V7400-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7400-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7400SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V7400IHC-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](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	KRTL/1577R + KRTH/1576R
Purity	Protein A affinity chromatography
Localization	Cytoplasmic
Applications	Immunohistochemistry (FFPE) : 0.25-0.5ug/ml for 30 min at RT Prediluted IHC Only Format : incubate for 30 min at RT (1)
Limitations	This recombinant Pan Cytokeratin antibody is available for research use only.



IHC staining of FFPE human skin with recombinant Pan Cytokeratin antibody (clones KRTL/1577R + KRTH/1576R). HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.

Description

Twenty human keratins are resolved with two-dimensional gel electrophoresis into acidic (pI 6.0) subfamilies. This antibody cocktail recognizes acidic (Type I or LMW) and basic (Type II or HMW) cytokeratins, which 67kDa (CK1); 64kDa (CK3); 59kDa (CK4); 58kDa (CK5); 56kDa (CK6); 52kDa (CK8); 56.5kDa (CK10); 50kDa (CK14); 50kDa (CK15); 48kDa (CK16); 40kDa (CK19). Many studies have shown the usefulness of keratins as markers in cancer research and tumor diagnosis. It is a broad spectrum anti pan-cytokeratin antibody cocktail, which differentiates epithelial tumors from non-epithelial tumors e.g. squamous vs. adenocarcinoma of the lung, liver carcinoma, breast cancer, and esophageal cancer. It may be useful to characterize the source of various neoplasms and to study the distribution of cytokeratin containing cells in epithelia during normal development and during the development of epithelial neoplasms. This antibody stains cytokeratins present in normal and abnormal human tissues and has high sensitivity in the recognition of epithelial cells and carcinomas.

Application Notes

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

. 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

Recombinant human KRT77 and KRT76 protein were used as the immunogen for the recombinant Pan Cytokeratin antibody.

Storage

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