

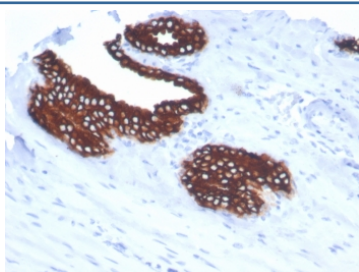
Keratin 18 Antibody / Cytokeratin 18 [clone KRT18/7056R] (V4283)

Catalog No.	Formulation	Size
V4283-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4283-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4283SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

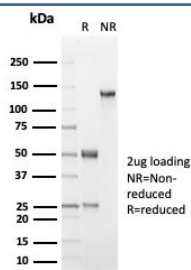
Recombinant **RABBIT MONOCLONAL**

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Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	KRT18/7056R
Purity	Protein A/G affinity
UniProt	P05783
Localization	Cytoplasm
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This Keratin 18 antibody is available for research use only.



IHC staining of FFPE human prostate tissue with Keratin 18 antibody (clone KRT18/7056R). 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 Keratin 18 antibody (clone KRT18/7056R) as confirmation of integrity and purity.

Description

This mAb reacts with a wide variety of simple epithelia. It does not react with stratified squamous epithelia. It reacts with epithelial tumors of the gastrointestinal tract, lung, breast, pancreas, ovary, and thyroid. Cytokeratin 18, which belongs to the type A (acidic) subfamily of low molecular weight keratins, exists in combination with cytokeratin 8. It is reported that tissues from gastrointestinal tract are positive for both cytokeratin 8 and 18 but do not contain cytokeratin 14. Tissues from gastrointestinal tract, respiratory tract and urogenital tract, as well as endocrine and exocrine tissues and mesothelial cells are positive for cytokeratin 18.

Application Notes

Optimal dilution of the Keratin 18 antibody should be determined by the researcher.

Immunogen

Recombinant human full-length protein was used as the immunogen for the Keratin 18 antibody.

Storage

Aliquot the Keratin 18 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.