

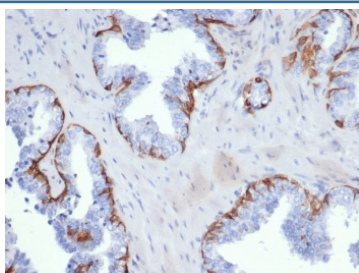
Recombinant Keratin 5 Antibody / KRT5 / Cytokeratin 5 [clone KRT5/6399R] (V8945)

Catalog No.	Formulation	Size
V8945-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V8945-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V8945SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

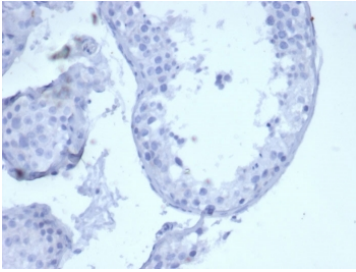
Recombinant **RABBIT MONOCLONAL**

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Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	KRT5/6399R
Purity	Protein A/G affinity
UniProt	P13647
Localization	Cytoplasmic
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This recombinant Keratin 5 antibody is available for research use only.



IHC staining of FFPE human prostate carcinoma tissue with recombinant Keratin 5 antibody (clone KRT5/6399R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



Negative control: IHC staining of FFPE human brain tissue using recombinant Keratin 5 antibody (clone KRT5/6399R) at 2ug/ml in PBS for 30min RT. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

Description

Cytokeratin 5/Keratin 5/KRT5 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, myoepithelial, 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.

Application Notes

Optimal dilution of the recombinant Keratin 5 antibody should be determined by the researcher.

Immunogen

A portion of amino acids 316-590 was used as the immunogen for the recombinant Keratin 5 antibody.

Storage

Aliquot the recombinant Keratin 5 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.