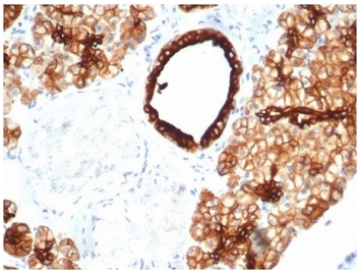
Recombinant KRT7 Antibody KRT7/4387R / Cytokeratin 7 Recombinant MAb [clone KRT7/4387R] (V9566)

Catalog No.	Formulation	Size
V9566-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9566-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9566SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

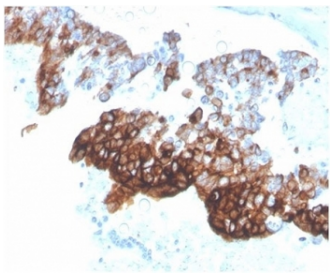
Recombinant RABBIT MONOCLONAL

Bulk quote request

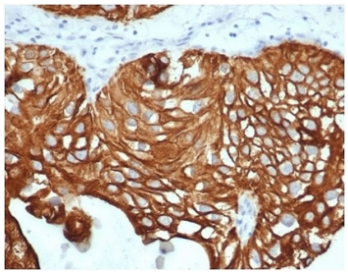
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	KRT7/4387R
Purity	Protein A/G affinity
UniProt	P08729
Localization	Cytoplasm
Applications	Immunohistochemistry (FFPE): 1-2ug/ml
Limitations	This Recombinant KRT7 Antibody KRT7/4387R is available for research use only.



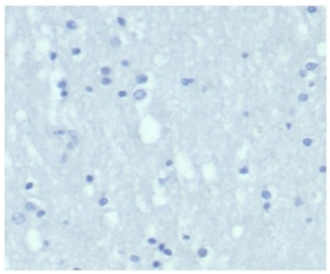
IHC staining of FFPE human ovarian carcinoma tissue with Recombinant KRT7 Antibody KRT7/4387R. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human ovarian carcinoma tissue with Recombinant KRT7 Antibody KRT7/4387R. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human bladder carcinoma tissue with recombinant KRT7 antibody (clone KRT7/4387R). 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 with recombinant KRT7 antibody (clone KRT7/4387R) 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

Recombinant KRT7 Antibody KRT7/4387R detects Cytokeratin 7, a protein encoded by the KRT7 gene. It is always as a keratin pair with Cytokeratin 19. Cytokeratin 7 is expressed on most ductal and glandular epithelium including lung, breast, bladder and female genital tract, but not in most gastrointestinal epithelium, prostate, hepatocyte and squamous epithelium. In tumor tissues, its expression is absent in colon cancer, prostate cancer and squamous carcinomas. Cytokeratin 7 is often used in concert with Cytokeratin 20 and CDX-2 to aid in distinguishing ovarian, pulmonary and breast carcinomas (CK7+) from colon carcinomas (CK7-).

For an alternative antibody targeting the same protein, see our Cytokeratin 7 Antibody OV-TL12/30 (V2654), a mouse monoclonal antibody validated for WB, IHC, IF, and flow cytometry.

Application Notes

Optimal dilution of the Recombinant KRT7 Antibody KRT7/4387R should be determined by the researcher.

Immunogen

A portion of amino acids 1-100 was used as the immunogen for the recombinant KRT7 antibody.

Storage

Aliquot the recombinant KRT7 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Alternate Names

Keratin 7 antibody, CK7 antibody, CK-7 antibody, KRT7 antibody, Cytokeratin-7 antibody, Keratin Type II Cytoskeletal 7 antibody, Type II Cytokeratin 7 antibody, Cytokeratin 7/CK7 antibody, K7 antibody

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