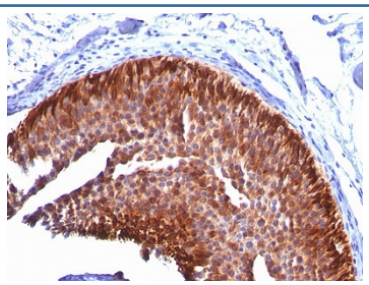
Cytokeratin 17 Antibody (KRT17) [clone KRT17/778] (V2669)

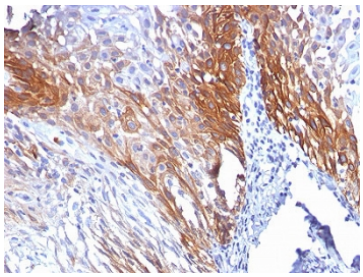
Catalog No.	Formulation	Size
V2669-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2669-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2669SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V2669IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

Bulk quote request

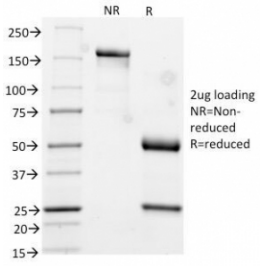
Availability	1-3 business days
Species Reactivity	Human, Rat
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	KRT17/778
Purity	Protein G affinity chromatography
UniProt	Q04695
Localization	Cytoplasmic
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This Cytokeratin 17 antibody is available for research use only.



IHC: Formalin-fixed, paraffin-embedded human bladder carcinoma stained with Cytokeratin 17 antibody (KRT17/778).



IHC: Formalin-fixed, paraffin-embedded human cervical carcinoma stained with Cytokeratin 17 antibody (KRT17/778).



SDS-PAGE Analysis of Purified, BSA-Free Cytokeratin 17 Antibody (clone KRT17/778). Confirmation of Integrity and Purity of the Antibody.

Description

Cytokeratin 17 (CK17) is normally expressed in the basal cells of complex epithelia but not in stratified or simple epithelia. Antibody to CK17 is an excellent tool to distinguish myoepithelial cells from luminal epithelium of various glands such as mammary, sweat and salivary. CK17 is expressed in epithelial cells of various origins, such as bronchial epithelial cells and skin appendages. It may be considered as epithelial stem cell marker because CK17 Ab marks basal cell differentiation. CK17 is expressed in SCLC much higher than in LADC. Eighty-five percent of the triple negative breast carcinomas immunoreact with basal cytokeratins including anti-CK17. Also important is that cases of triple negative breast carcinoma with expression of CK17 show an aggressive clinical course. The histologic differentiation of ampullary cancer, intestinal vs. pancreatobiliary, is very important for treatment. Usually anti-CK17 and anti-MUC1 immunoreactivity represents pancreatobiliary subtype whereas anti-MUC2 and anti-CDX-2 positivity defines intestinal subtype.

For a well-established monoclonal reagent targeting this epithelial intermediate filament protein, see our Cytokeratin 17 Antibody E3 / KRT17 Epithelial Marker page.

Application Notes

Optimal dilution of the Cytokeratin 17 antibody should be determined by the researcher.

1. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 min
2. 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 full-length human KRT17 protein was used as the immunogen for the Cytokeratin 17 antibody.

Storage

Store the Cytokeratin 17 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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