

Cytokeratin 5 Recombinant Rabbit Monoclonal Antibody Product Datasheet

Catalog# BX00036

Clone# RR640

Predicted Molecular Wt: 62kDa
Species Cross-reactivity: Human
Species cross-reactivity determined by WB
Applications: WB IHC-P

Purity: ProA affinity purified IgG
Form: Liquid
Swissprot ID: P13647

Background:

Cytokeratin 5 is a basic protein that is closely related to cytokeratin 6. They share similar tissue distribution and are found in various proportions in many non-keratinizing stratified squamous epithelia eg tongue mucosa, as well as in basal epithelia of trachea, basal cells of epidermis, hair follicles, sebaceous and sweat glands of skin, luminal cells of the mammary gland, basal cells of prostate, urothelium, vagina and endocervical mucosa. Cytokeratins 5 and 6 are also expressed in basal cell epitheliomas, squamous cell carcinomas of skin, tongue, epiglottis and of the rectal-anal region.

Immunogen:

A synthetic peptide corresponding to residues on the C-terminus of human Cytokeratin 5 was used as an immunogen.

Storage Buffer:

PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.

Storage conditions:

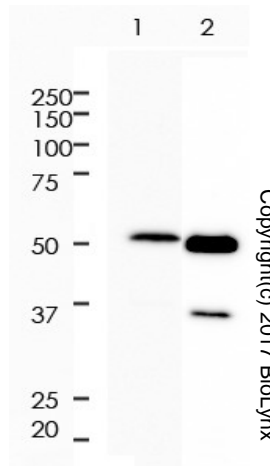
-20°C.

Storage instructions:

Shipped on blue ice. Upon delivery, aliquot, and store at -20°C. Avoid freeze / thaw cycles.

Recommended Dilutions:

WB: 1:5,000 - 1:10,000
 IHC-P: 1:200 - 1:400

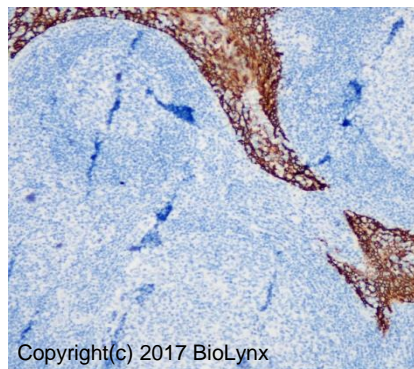


All lanes: Anti-Cytokeratin 5 antibody at 1:5,000 dilution

Predicted MW: 62 kDa
 Observed MW: 62 kDa

Lane 1: A431
 Lane 2: HaCat

Lysate at 10 µg per lane
 2nd Ab:
 G&R HRP(H+L) 1:10,000
 Exposure: 120s



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human tonsil tissue labelling Cytokeratin 5 with RR640 at 1:200. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9.0.

Background References:

1. Mukhopadhyay S, Katzenstein AL. Am J Surg Pathol. 2011 Jan; 35(1):15-25.
2. Kargi A, Gurel D. Appl Immunohistochem Mol Morphol. 2007 Dec; 15(4):415-20.

Product QC'd by:



For research use only. Not for use in diagnostic or therapeutic applications.