

CK5&6 Recombinant Rabbit Monoclonal Antibody Product Datasheet

Catalog# BX50275

Clone# BP6252

Predicted Molecular Wt: 62/60kDa

Species Cross-reactivity: Human

Applications: IHC-P

Purity: ProA affinity purified IgG

Form: Liquid

Swissprot ID: P13647/P02538/P04259/P48668

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. Point mutations in the cytokeratin 5 gene at locus 12q11-q13 can cause various types of epidermolysis bullosa simplex.

Subcellular location:

Cytoplasmic

Recommended Method:

Heat induced epitope retrieval with Tris-EDTA buffer (pH 9.0), primary antibody incubate at RT (18°C-25°C) for 30 minutes.

Immunogen:

Synthetic peptide. This information is proprietary to Biolynx.

Storage Buffer:

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

Storage Conditions:

-25°C to -18°C

Shipment Instructions:

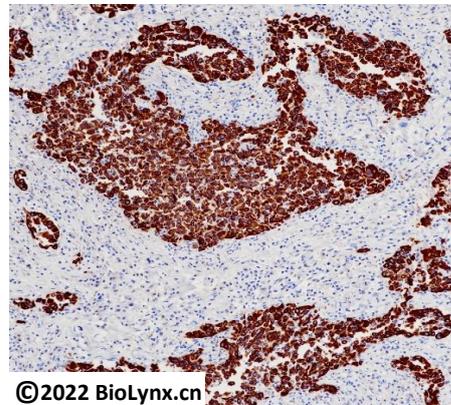
Shipped on blue ice. Upon delivery store at -25°C to -18°C. Avoid freeze / thaw cycles.

Recommended Dilution:

IHC-P: 1:100-1:200

Background References:

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



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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human cervical cancer labelling CK5&6 with BP6252.

Product QC'd by: 

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