

Anti-CK5/CK14 rabbit monoclonals (BSR55 & BSR47)

BSH-3012-100 (0,1ml), BSH-3012-1 (1 ml)



Clonality:	Rabbit monoclonal antibody
Clone:	BSR55 & BSR47
Application:	IHC-P
Species Reactivity:	Human
Control tissues:	Appendix, tonsil
Buffer:	TRIS with 0.03% sodium azide, pH 7,2
Storage:	Store at 4°C

Description

This antibody cocktail consists of cytokeratin 5 and cytokeratin 14 rabbit monoclonal antibodies. It is useful cocktail for demonstrating basal cells or basal cell neoplasia especially in differentiation diagnostics of prostate hyperplasia and prostate adenocarcinoma. It is also useful for example diagnostics of lung squamous cell carcinoma.

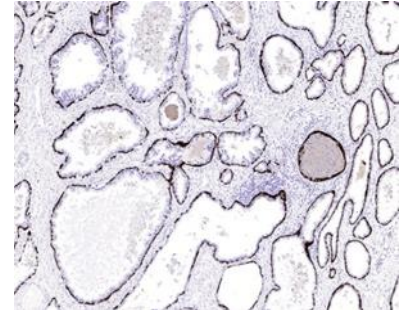
Protocol

After paraffin removing and rehydration:

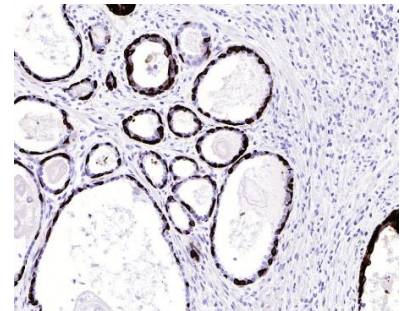
1. Pretreatment: HIER pH9
2. Wash (TBS-Tween)
3. Primary antibody: CK5/CK14 1:100 - 1:300, 30 min.
4. Wash
5. 3% H₂O₂, 10 min.*
6. Wash
7. BioSite Histo HRP One-Step Polymer (KDB-10046), 30 min
8. Wash
9. Wash
10. DAB high contrast Kit (BCB-20032), 10 min
11. Aqua
12. CuSO₄ -post enhancement, 5 min
13. Aqua
14. Counter staining in diluted Mayer, 1 min
15. Bluing, 7 min in tap water
16. Dehydration, clearing and mounting

Dilution of this concentrated antibody depends on the detection system used and the final working dilution need to always be determined by the user.

* Optional; Endogenous peroxidase blocking can also be done before primary antibody incubation.



a)



b)



c)

CK5/CK14 stained tissue sections. Prostate adenocarcinoma (a, b) and tonsil sections (c) have been stained using CK5/CK14 antibody (Clones: BSR55 & BSR47) with 1:200 dilution. Strong cytoplasmic label were observed from prostate glands but prostate adenocarcinoma are without label (a, b). Tonsil epithelia have strong label (c).