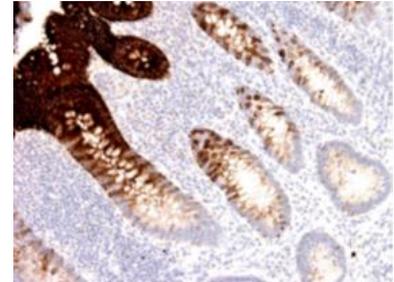


Anti-Cytokeratin 20, mouse monoclonal (BS101)

BSH-2000-100 (0,1ml), BSH-2000-1 (1 ml)



Clonality:	Mouse monoclonal antibody
Clone:	BS101
Application:	IHC-P (1:100 – 1:400)
Species Reactivity:	Human
Control tissues:	Appendix, colon
Alias names:	KRT20, CK20, K20, Keratin20
Buffer:	TRIS with 0.03% sodium azide, pH 7,2
Storage:	Store at 4°C



Appendix section has been stained using CK20 antibody (Clone: BS101) with 1:250 dilution. Columnar epithelia of appendix is strongly stained without any background.

Description

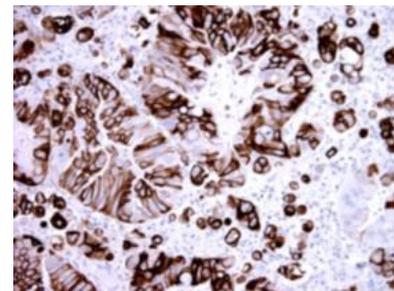
Cytokeratin 20 (CK20) is expressed in enterocytes and goblet cells of the gastrointestinal (GI) tract. It is also expressed in specific types of simple epithelial cells of the urinary tract. CK20 is useful marker of colorectal carcinoma, gastric, pancreas, urothelium, merkel and biliary system carcinomas.

Protocol

After paraffin removing and rehydration:

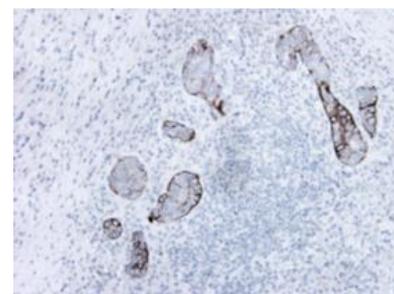
1. Pre-treatment: PT-module HIER pH9 (20min at 98°C)
2. Wash (TBS-Tween in all washing steps)
3. Primary antibody: Cytokeratin 20 1:100 – 1:400, 30 min.
4. Wash
5. Peroxidase blocking (3% H₂O₂), 10 min.
6. Wash
7. One step HRP-polymer detection, 30 min
8. Wash x2
9. DAB-Substrate, 10 min
10. Aqua
11. CuSO₄ -post enhancement, 5 min
12. Aqua

Counterstaining, Bluing, dehydration, clearing, and mounting.



Urinary bladder carcinoma section has been stained using CK20 antibody (Clone: BS101) with 1:250 dilution. Urinary bladder carcinoma cells have strong and intensive signal.

Dilution of concentrated antibody depends on the pre-treatment method and detection system used. Above protocol used in Optibodies evaluation and is meant as a reference. Final working dilution and protocol applied needs to be determined by the user always.



Lymphnode section with metastasis of colon carcinoma has been stained using CK20 antibody (Clone: BS101) with 1:250 dilution. Neoplastic cells have moderate to strong CK20 positivity.