Nordic Biosite
Part of Europa Biosite

Anti-LI-Cadherin, mouse monoclonal (BS26)

UK CA CE IVD

BSH-3016-100 (0.1 ml), BSH-3016-1 (1 ml)

Clonality:	Mouse monoclonal antibody
Clone:	BS26
Application:	IHC-P
Species Reactivity:	Human
Control tissues:	Appendix, colon
Buffer:	TRIS with 0.03% sodium azide, pH 7.2
Storage:	Store at 4°C

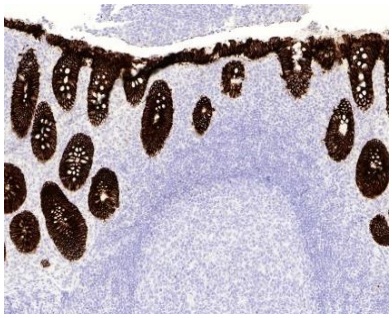
Description

LI-Cadherin (Cadherin-17, CDH17), is a liver-intestinal cadherin and it belongs to the cadherin superfamily. The structure and cellular locations of LI-Cadherin differs from other cadherins such as: E-CAD, N-CAD, and P-CAD. In healthy individuals, LI-Cadherin is only expressed in the epithelium of the appendix, colon, and intestine. LI-Cadherin is also expressed in colorectal carcinomas and in some gastric and pancreatic adenocarcinomas.

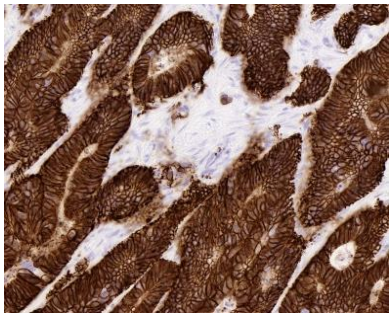
Protocol

1. Deparaffinize and rehydrate tissue section
2. Wash: aqua dest, 2×5 min
3. Pre-treatment: PT-module HIER pH 9.0 (20min at 98°C)
4. H_2O_2 (concentration 3%), 10 min
5. Wash: PBS or TBS buffer, 2×5 min
6. Primary antibody diluted as recommended, 30 min
7. Wash: PBS or TBS buffer, 2×5 min
8. One step HRP-polymer detection, 30 min
9. Wash: PBS or TBS buffer, 2×5 min
10. DAB Substrate, 8 min
11. Wash: aqua dest, 2×2 min
12. Counterstain, dehydrate and coverslip

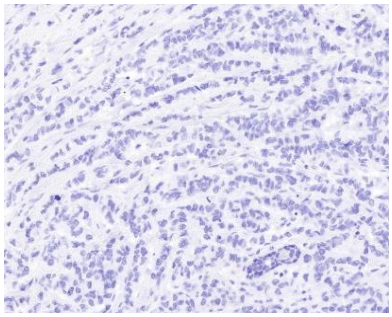
Dilution of concentrated antibody depends on the pre-treatment method and detection system used. Above protocol used in Optibodies evaluation and is meant as a reference. Final working dilution and protocol applied needs to be determined by the user always.



a)



b)



c)

LI-Cadherin stained tissue sections. Appendix (a), colon carcinoma (b), and ductal breast cardinoma (c) were stained using LI-Cadherin optibody (Clone: BS26) with a 1:200 dilution. Columnar epithelial cells of appendix and colon carcinoma exhibit a strong membranous staining pattern (a and b). No staining observed in ductal breast carcinoma (c).