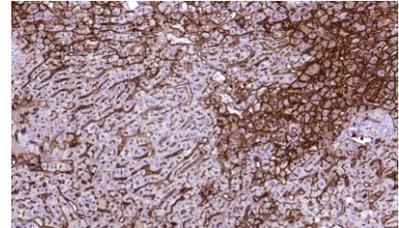


Anti-CD13, rabbit monoclonal (BSR22)

BSH-3019-100 (0,1 ml), BSH-3019-1 (1 ml)



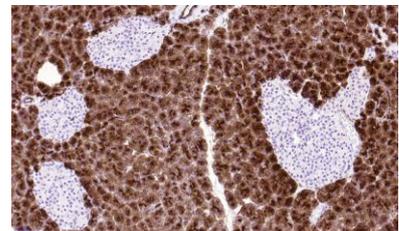
Clonality:	Rabbit monoclonal antibody
Clone:	BSR22
Application:	IHC-P (1:100 – 1:400)
Species Reactivity:	Human
Control tissues:	Appendix, tonsil, liver
Alias names:	Aminopeptidase-N
Buffer:	TRIS with 0.03% sodium azide, pH 7,2
Storage:	Store at 4°C



Liver section has been stained using CD13 optibody (Clone: BSR22) with 1:200 dilution. Bile canaliculi of liver has strong staining reaction.

Description

CD13 is a transmembrane protease which expressed widely in different tissues and cells. CD13 expressed especially cells of myeloid origin but also eg. in bile canaliculi of liver, fibroblasts, proximal tubules of kidney, and vascular endothelia. CD13 is useful marker for acute myeloid leukaemia (AML) and differentiating between hepatocellular carcinoma (HCC) and non-hepatocellular tumors.

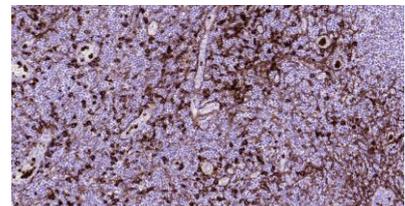


Pancreas section has been stained using CD13 optibody (Clone: BSR22) with 1:200 dilution. Exocrine tissue of pancreas has strong and intensive staining reaction and endocrine cells in Langerhans islets have no staining reaction.

Protocol

After paraffin removing and rehydration:

1. Pretreatment: HIER pH9
2. Wash (TBS-Tween)
3. Primary antibody: CD13, 1:100 – 1:400, 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



Tonsil section has been stained using CD13 optibody (Clone: BSR22) with 1:200 dilution. Interfollicular macrophages, monocytes in the lumen of vein and fibroblasts have strong staining reaction.

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



2 (2)

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