9853 Pacific Heights Blvd.
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10-12529: Mouse Monoclonal Antibody to CK19(Clone :BS23) (Discontinued)

Clonality :	Monoclonal
Clone Name :	BS23
Application :	IHC
Reactivity :	Human
Gene :	KRT19
Gene ID :	3880
Uniprot ID :	P08727
Alternative Name :	K19, CK19, K1CS, MGC15366, KRT19
Isotype :	Mouse IgG1

Description

Cytokeratin 19, also known as KRT19, CK19, CK19, K1CS, MGC15366. Entrez Protein NP_002267. It is a member of the keratin family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. The type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. Unlike its related family members, this smallest known acidic cytokeratin is not paired with a basic cytokeratin in epithelial cells. It is specifically expressed in the periderm, the transiently superficial layer that envelopes the developing epidermis.

Product Info

Amount :	0.1 ml / 0.5 ml
Content :	TRIS with 0.03% sodium azide, pH7.2
Storage condition :	Store at 4°C

Application Note

Immunohistochemical Analysis :-1:200

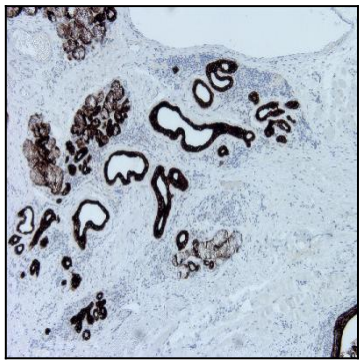


Figure-1: Human tonsil has been stained using CK19 antibody (Clone: BS23). Cytokeratin 19 is intermediate filament and CK 19 is strongly expressed in epithelial cells. Specific cytoplasmic staining . No staining of other cells than epithelial cellsX100

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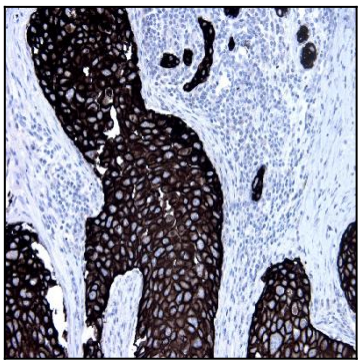


Figure-2: Ductal breast carcinoma section has been stained using CK19 antibody (Clone: BS23) with 1:200 dilution. Carcinoma cells are strongly stained.

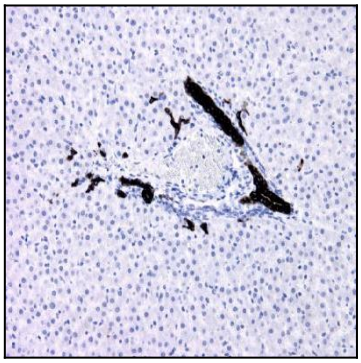


Figure-3: Sheep liver section has been stained using CK19 antibody (Clone: BS23) with 1:200 dilution.

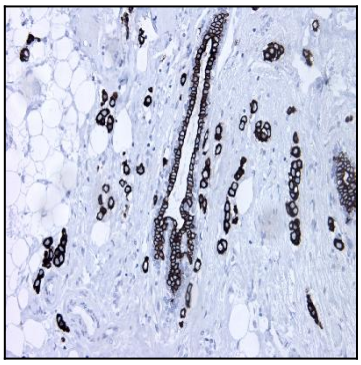


Figure-4: Lobular breast carcinoma section has been stained using CK19 antibody (Clone: BS23) with 1:200 dilution. CK19 stains breast lobular carcinoma cells with strong intensity.



Figure-5: Appendix section has been stained using CK19 antibody (Clone: BS23) with 1:200 dilution. Columnar epithelia of appendix is strongly stained.

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