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( )

## PCNA ki – 67

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*R.E.E* :  
*Squamous cell carcinoma Mucoepidermoid carcinoma Ameloblastoma*  
*PCNA ki- 67 .*

*PCNA Ki-67*

*IHC PCNA ki-67*

*streptavidin- avidin biotin*

*% Ki-67 %*  
*% PCNA*

*PCNA , ki-67*

*PCNA ki – 67* :

( ) .

REE

REE

CEJ

( )

(Cervicoenamel Junction)

PCNA ki- 67 .( )

( )

PCNA

Edematsu  
ki-67

( )

Ki-67 PCNA Multi Potential

Ki-67 SCC (Mucoepidermoid Carcinoma) MEC  
(Squamous Cell Carcinoma)  
( )

DNA

PCNA

DNA- Polypeptidase  
( ) G1/S Peak . Konstantinos .  
G2 ki-67

( )  
Matulova

Immunohistochemistry

( ) ki-67  
( ) Piatelli

(Clone Sigma 1: 100 PC 10) PCNA

(Clone MIBI 1: 100) anti- ki-67 Ki-67

• Ki-67

% %  
% %

(shun)

(++)

(+)

(+++)

X4

(++)

X10

(+++)

(.)

(+)

X40

IHC

Avidin- Biotin

H2O2 % /

Antigen retrieval

(700 watt) Microwave

Ki-67 (% )

( )

(P < / )

Ki-67

USA, DAKO, Ki-67 PCNA clone :Pc10)

/ ( clone:MIB-1

ki-67 /

(%) (%)

( ) ( )

( ) ( )

Biotinlated- antimouse immunoglobulin

(Denmark, DAKO , Ko673)

(D.A.B) diaminobenzidine tetrahydrochloride

Meyer's hematoxilin counterstain

mount

counter stain

(% )

PCNA

(% )

( )

(P < / )

anti PCNA

(++) (+) (++)  
 (+++)  
 .(P< / )

PCNA

(++) (+)  
 (+++) (++) (+)

.(P< / )

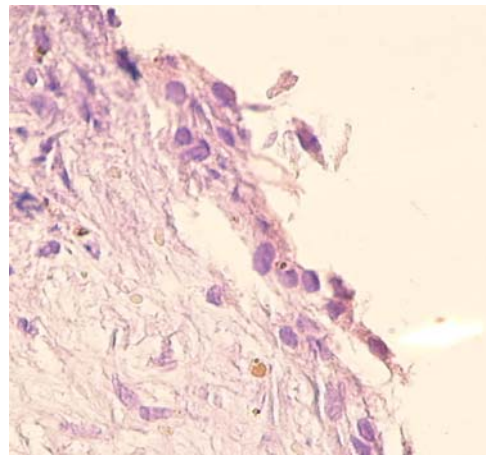
ki- 67

(+) (++) (+)  
 (+++) (++)  
 .(P< / )

PCNA Ki-67

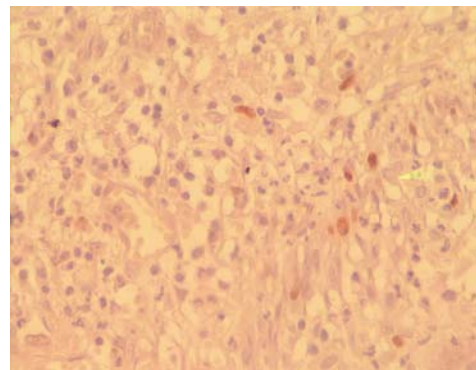
PCNA

(%)	(%)	PCNA /
( )	( )	
( )	( )	



PCNA

Edematsu  
 Edematsu



PCNA

( ) Edematsu  
 .( ) Matulva  
 ( ) Tripi  
 PCNA ki- 67

( ) PCNA  
 ( ) ki- 67

( ) Edematsu

PCNA

(+) (++) (+)  
 (+++) (++)

.(P< / )

(+) ki- 67

case-control

Ki-67 PCNA

cohort

PCNA Ki-67

( )

Sharshita

cystic precystic

(EGF)

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