



» - Envision (Dako).

bcl-2 [4, 12]. Bcl-2 -

30 -

10 -

(DAB (Dako)) -

bcl-2 20 3 -

( paf) [10, 11, 13]. -

1-3 [5]. -

MICRO-C4-2200 ( Olympus CX-31  
:Plan 4 /-, Plan 10 /0,25, Plan 40 /  
0,65, /0,17, Olympus 5050Z,  
) -

6 -

27-30 -

Microm-325 -

(Microm Corp., ) -

5 -

SuperfrostPlus, Bcl-2 -

[5]. [5, 8]. -

( ) (Huer - heat -

induction of epitope retrieval), bcl-2 -

1M -

(Thermo Scientific, ) . c H=6,0 (8 -

+121° ) -

( .1). bcl-2 -

23 – 25° 60 -

antibody diluent (Dako). bcl-2 -

bcl-2 -

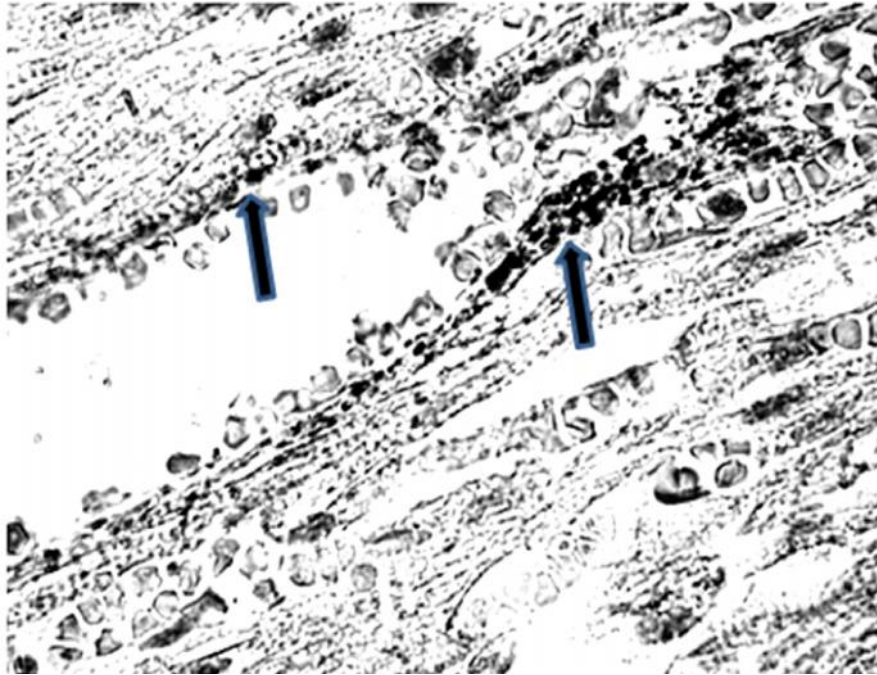
( IgG1 Monoclonal [Bcl-2/100], LSBio), CD95 -

(Fas) Ab-3 ( GM30, Thermo Scientific), -

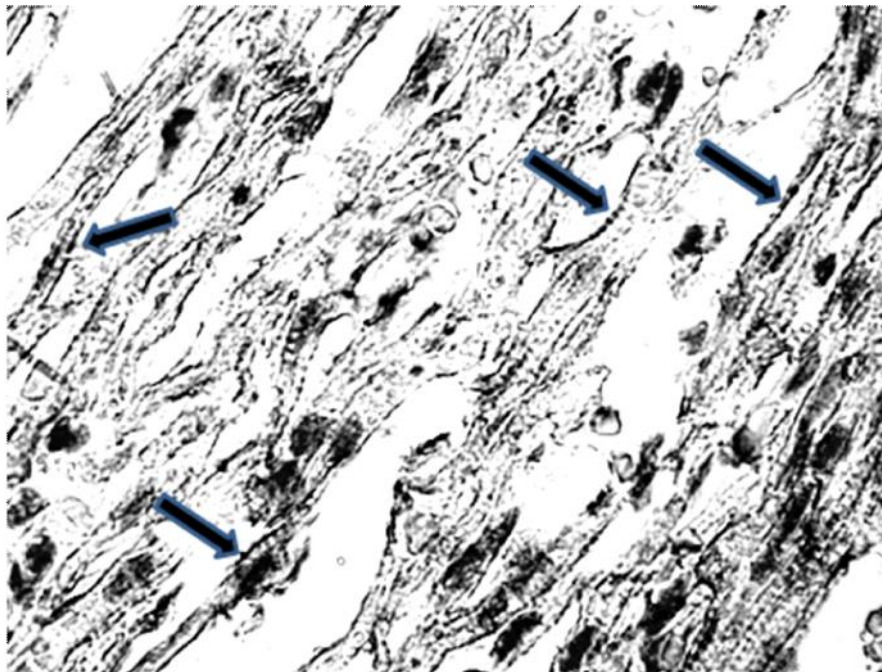
3 Human Caspase-3 ( 3CSP03, Thermo Scientific) “ ” CD95(APO-1/Fas) [9, -

1:100, 1:30, 1:200 - 12]. CD95(APO-1/Fas) -

( .2). -



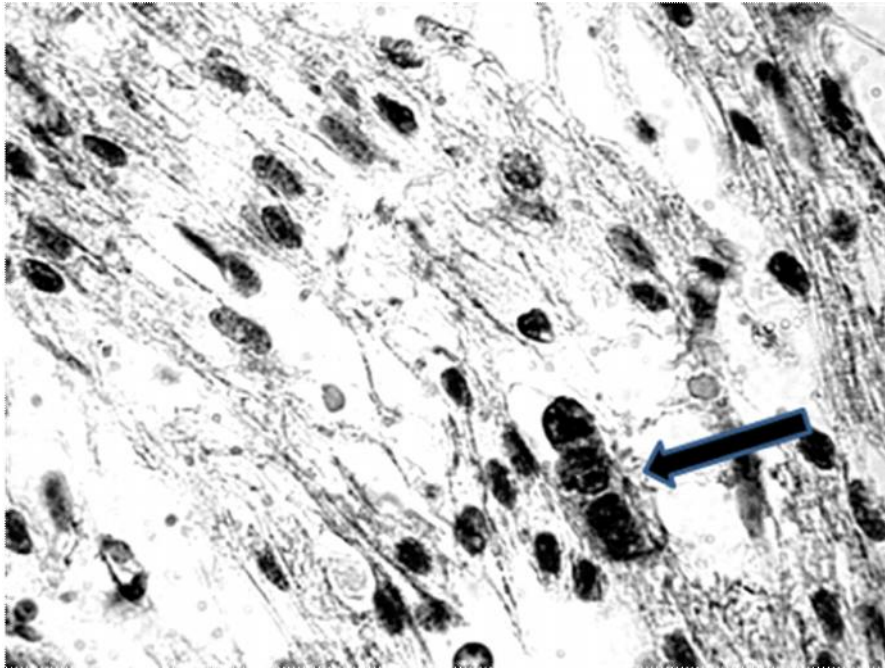
.1. . 24 .  
bcl-2. Invision. : Zoom 213.  
: Plan 100 /1.25Oil /



.2. . 24 .  
CD95 (APO-1/Fas). Invision. : Zoom 213. :  
Plan 100 /1.25Oil /

-3, -9, Apaf-1 -9 -  
-3 [9].  
-3  
bcl-2, ( 3-4 ),  
-

-3 ( . 3).  
-3



.3. 24 Invision. : Zoom 213. : Plan  
-3. 100 /1.25Oil

Bcl-2  
-3,  
[10].  
2+  
2+ [3].  
Bcl-2 -3,  
1.  
2.  
CD95 (APO-1/Fas)-  
bcl-2.  
1. . .  
2002. - 4. - .3—10.  
1-2. 2. . .  
[7].  
- 2013. - .16, 1, .2  
(61). - .252-257.

3. . . . - and cardiomyopathy // *Curr Opin Cardiol.* – 2000. - 15. – .183–188.
- . . . / . . . , JI.A. - 9. Reeve JL, Duffy AM, O'Brien T, Samali A. Don't lose heart - therapeutic value of apoptosis prevention in the treatment of cardiovascular disease // *J Cell Mol Med.* – 2005. - 9. – .609–622.
- .9, 4. - .699-712. // . -2003. - 10. Regula K.M., Kirshenbaum L.A. Apoptosis of ventricular myocytes: a means to an end // *J. of Molecular and Cellular Cardiology.* -2005.- V. 38. - P.3–13.
- 4 . . . / . . . , . . . - 11. Rodriguez M, Lucchesi BR, Schaper J. Apoptosis in myocardial infarction // *Ann Med.* – 2002. - 34. – .470–479.
- // . -2004. - 1. - .3-7. 12. Saraste A, Pulkki K. Morphologic and biochemical hallmarks of apoptosis // *Cardiovasc Res.* — 2000. — Vol. 45, No3. — P. 528-537.
5. . . . , . . . - 13. Takemura G, Fujiwara H. Role of apoptosis in remodeling after myocardial infarction // *Pharmacol Ther.* – 2004. – 104. – .1–16.
- . . . - . . . - 202.
6. Garg S., Narula J., Chandrashekar Y. Apoptosis and heart failure: clinical relevance and therapeutic target // *J. of Molecular and Cellular Cardiology.* — 2005. — V. 38. — P. 73-79.
7. Jettl M. Programmed cell death: many ways for cells to die decently // *Ann. Med.* — 2002. — Vol. 34, No6. — P. 480-488.
8. Narula J, Kolodgie FD, Virmani R. Apoptosis