

The aim of this work was to localize collagen type VIII in different layers of the cornea and to compare its localization in normal corneas with pathological corneas obtained from patients with Fuchs endothelial dystrophy, posterior polymorphous dystrophy or keratoconus. The only commercially available antibody did not prove sufficient specificity for collagen type VIII. With use of the antibody 9H3 anti  $\alpha$ 1CVIII was collagen VIII evidenced in the cornea. This antibody can be used for detection of differences in distribution of collagen VIII in normal and pathological human cornea.