

**Anti-Estradiol 15 (Yeda)**

**code:** T4-274

[Fortune Kohen](#), Biology, Biological Regulation

**Summary**

**Monoclonal antibodies for peptide and steroid hormones** Due to their high specificity and sensitivity these antibodies may be applicable for research, diagnosis and therapeutics. A particular use may be quality control of industrial manufacturing of food products. **127, 274, 141 - Monoclonal antibodies to estradiol** Description: Monoclonal antibodies raised against oestradiol-6- carboxymethyl oxime-BSA. Available clones: 2F9 (Rat, IgG2a), 15 (IgG2b), 8D9 (IgG2a). Estradiol is a [sex hormone](#), which has not only a critical impact on reproductive and sexual functioning, but also affects other organs, including the bones. In the female, estradiol acts as a growth hormone for tissues of the reproductive organs. References: [De Boever J](#), [Kohen F](#), [Usanachitt C](#), [Vandekerckhove D](#), [Leyseele D](#), [Vandewalle L](#). 1986. Direct chemiluminescence immunoassay for estradiol in serum. Clin Chem. 32(10):1895-900. S?mjn D1, [Amir-Zaltsman Y](#), [Mor G](#), [Gayer B](#), [Lichter S](#), [Nevo N](#), [Kohen F](#). 1998. A monoclonal antibody to oestradiol potentiates the stimulation of the specific activity of the brain type creatine kinase by oestrogen in vivo and in vitro. J Steroid Biochem Mol Biol. 64(5-6):297-304.

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