
Estradiol-17-beta (7G4) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 250313

Unit: 0.2 mg

Description:

Biologically active oestrogen, estradiol-17beta, is an important sex hormone, but also makes an important contribution to the high concentrations of oestrogens which are present in malignant breast tissues. This antibody reacts with estradiol-17beta. No crossreactivity is seen with estrone, estriol, estrone sulphate, 16-ketoestradiol, 2-hydroxyestradiol, progesterone, androstenedione, testosterone, or cortisol when measuring on tritium-labeled steroids in radioimmunoassay.

Isotype: Mouse IgG1/k

Applications: E

Species Reactivity: H

Format: Each vial contains 0.2 mg IgG in 0.2 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-A/G affinity chromatography.

Alternate Names: Estradiol; Estradiol-17beta; phenolsteroid; estrogen; 17-beta-hydroxysteroid

Accession No.:

Antigen: Estradiol-17b-6-CMO coupled to BSA

Application Notes: Product Cat. No. 250313 reacts specifically with estradiol-17beta with a measured K_a of 3×10^9 in a radioimmunoassay. Product Cat. No. 250313 can be cleaved with papain and reduced to generate Fab fragments with a K_a of 13.4×10^9 . E: 1:8,000

Storage: Store at 4°C. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.