

AM00746PU-N**Monoclonal Antibody to 17-beta-Estradiol - Purified**

Quantity:	1 mg
Concentration:	4.85 mg/ml (OD280nm, E0.1% = 1.4)
Background:	17 beta Estradiol is a potent mammalian estrogenic hormone that is produced in the ovary, placenta, testis, and possibly the adrenal cortex.
Host / Isotype:	Mouse / IgG2a
Recommended Isotype Controls:	AM03096PU-N
Clone:	027-11267
Immunogen:	Estradiol-6-CMO-BSA
Format:	State: Liquid purified IgG fraction (>90% pure by SDS-PAGE). Purification: > 90% pure (SDS-PAGE). Protein A Chromatography. Buffer System: 10mM Phosphate, pH 7.4 containing 150mM Sodium Chloride and 0.09% Sodium Azide
Specificity:	This antibody recognizes Human Estradiol. Cross-reactivity: 17-B-Estradiol: 100% Cortisone: < 0.005% Estriol: 2.3% Cortisol: < 0.005% Cortisone: < 0.005% Estrone: 0.17% Progesterone: < 0.005% Testosterone: 0.01% Corticosterone: < 0.005% Androstenedione: < 0.005% Affinity Constant: 1 x 10 ¹⁰
Storage:	Store the antibody undiluted at 2-8°C for one week or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.