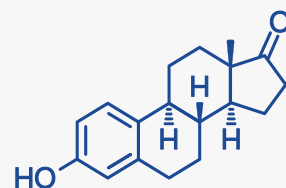


Anti-Estrone rabbit recombinant monoclonal antibody



Estrone (E1) is an endogenous estrogenic steroid formed primarily by aromatization of androstenedione in peripheral tissues. After menopause, it becomes the main circulating estrogen. Acting through estrogen receptors ER α , ER β , and GPER1, estrone modulates a broad range of physiological systems, including central nervous, metabolic, and skeletal functions¹. Estrone testing helps assess overall hormonal status and identify changes associated with menopause. It is also used to detect or monitor tumors that produce estrogen-related hormones. We offer ultra-high-affinity rabbit recombinant monoclonal antibodies against estrone, available either as ready-to-use recombinant proteins (including BSA conjugate) or through licensing.



Antibody specification

Target Estrone	Isotype IgG-Kappa 1	Expression system Mammalian	Storage Short term: +4°C Long term: -80°C
Immunogen VLP-Estrone	Class Recombinant	Purification Protein A	Field Hormone
Target type Small molecule	Host Rabbit	Concentration 1 mg/ml	Applications <ul style="list-style-type: none">● ELISA, CLIA, RIA, etc.● Lateral flow assay
Clonality Monoclonal	Conjugation Upon request	Storage buffer PBS	

Conjugate specification

Conjugate <ul style="list-style-type: none">● BSA-Estrone● Reactive hapten (upon request)
Concentration 1 mg/ml
Storage buffer PBS
Storage -20°C or below

Clone information

Clone #	Affinity \pm SD (nM)	Cross-reactivity \pm SD (%)				
	Estrone	17 β -Estradiol	Estrone 3-sulfate	17 α -Estradiol	Estrone-3-D-glucuronide	Estradiol 17 β -D-glucuronide
DB-201605	0.029 \pm 0.013	0.4 \pm 0.2	0.2 \pm 0.1	0.11 \pm 0.06	0.3 \pm 0.1	0.002 \pm 0.001
DB-201512	0.010 \pm 0.007	16 \pm 12	0.21 \pm 0.16	0.09 \pm 0.06	0.4 \pm 0.3	0.004 \pm 0.003
DB-201518	0.053 \pm 0.005	0.49 \pm 0.11	0.30 \pm 0.05	0.009 \pm 0.002	0.07 \pm 0.01	0.0016 \pm 0.0002
DB-201524	0.029 \pm 0.010	0.11 \pm 0.04	1.1 \pm 0.4	0.007 \pm 0.003	0.04 \pm 0.02	0.0007 \pm 0.0003
DB-201515	0.033 \pm 0.005	0.43 \pm 0.09	0.44 \pm 0.08	0.010 \pm 0.002	0.42 \pm 0.09	0.0014 \pm 0.0004
DB-201858	0.017 \pm 0.005	2.6 \pm 0.9	0.16 \pm 0.06	0.04 \pm 0.01	0.06 \pm 0.02	0.0024 \pm 0.0007

More clones upon request.

Literature

1. Ridichie A. et al. "Understanding the Biological Activity of Endogenous Estrogens: Current Knowledge and Insights." JEPT 2.2 (2025): 0-0.

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