

## 12-8307: Anti-Human FSH-HRP

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	181
<b>Reactivity :</b>	Human
<b>Alternative Name :</b>	Follicle Stimulating Hormone Beta
<b>Isotype :</b>	IgG
<b>Immunogen Information :</b>	Purified Recombinant Human Follicle Stimulating Hormone Beta (>98%)

### Description

Specificity: Mouse Anti-Human Follicle Stimulating Hormone ? (Clone 181) recognizes Human Follicle Stimulating Hormone ?. This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.

Background: Follicle-stimulating hormone (FSH) is a heterodimeric glycoprotein and is composed of alpha and beta subunits. Alpha subunit is common to FSH and LH, while a unique beta subunit determines the biological specificity of each hormone. The synthesis of beta subunit is the primary rate-limiting step in the synthesis of each hormone.<sup>1</sup> Human mutations in the FSH beta gene have been shown to produce complete deficiency states in which pubertal development and reproductive capacity are inhibited.<sup>2</sup>

### Product Info

<b>Amount :</b>	1.0 ml Concentration: 0.5 mg/ml
<b>Content :</b>	Formulation: This horseradish peroxidase conjugate is supplied in a specially formulated stabilization diluent.
<b>Storage condition :</b>	Stable for at least one year when stored at 2°C - 8°C. Do not freeze.