



# Anti-FSH monoclonal antibody, clone A091-10265 (DMAB3392)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Monoclonal Antibody to Follicle Stimulating Hormone (FSH)
<b>Specificity</b>	FSH specific. Reacts with intact molecule. Does not cross-react with other common alpha hormones.
<b>Immunogen</b>	High purity intact FSH from human pituitary gland.
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	A091-10265
<b>Affinity Constant</b>	$3.9 \times 10^9$
<b>Purification</b>	>90% pure (SDS-PAGE). Protein A chromatography. Product is 0.2µm filtered.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	<p>Suitable for use in ELISA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.</p> <p>Recommended pairs for sandwich immunoassay:</p> <ul style="list-style-type: none"> <li>• <b>Capture</b>  <a href="#">DMAB3392</a>  <a href="#">DMAB3392</a>  <a href="#">DMAB3392</a> </li> </ul>

[DMAB3391](#)

- **Detection**

[DMAB2219](#)

[DMAB3393](#)

[DMAB2221](#)

[DMAB3392](#)

Suggested pair for testing (Capture - Detection): DMAB3392 - [DMAB2221](#)

<b>Format</b>	Purified, Liquid
<b>Concentration</b>	5.61mg/ml (OD280nm, E0.1%=1.4)
<b>Size</b>	1 mg
<b>Buffer</b>	10mM Phosphate, pH 7.4 containing 150mM Sodium chloride
<b>Preservative</b>	0.1% Sodium Azide
<b>Storage</b>	Short term (up to 7 days) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

## BACKGROUND

<b>Introduction</b>	The pituitary glycoprotein hormone family includes follicle-stimulating hormone, luteinizing hormone, chorionic gonadotropin, and thyroid-stimulating hormone. All of these glycoproteins consist of an identical alpha subunit and a hormone-specific beta subunit. This gene encodes the beta subunit of follicle-stimulating hormone. In conjunction with luteinizing hormone, follicle-stimulating hormone induces egg and sperm production. Alternative splicing results in two transcript variants encoding the same protein.
<b>Keywords</b>	Follicle Stimulating Hormone (FSH); Follicle Stimulating Hormone; FSH; follicle-stimulating hormone;