

Anti-FSH monoclonal antibody, clone A058-10012 (DMAB3393)

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

PRODUCT INFORMATION

| Product Overview | Monoclonal Antibody to Follicle Stimulating Hormone (FSH) |
|--------------------|--|
| Specificity | Cross-reactivity FSH α 1 % |
| | FSH β 68 % |
| | LH < 0.2 % |
| | hCG < 0.1 % TSH < 0.1 % |
| | 151 < 0.1 % |
| Isotype | lgG1 |
| Source/Host | Mouse |
| Species Reactivity | Human |
| Clone | A058-10012 |
| Affinity Constant | Not determined |
| Purification | >80% pure (SDS-PAGE). DEAE chromatography Product is $0.2\mu m$ filtered. |
| Conjugate | Unconjugated |
| Applications | 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. |
| Format | Purified, Liquid |
| Concentration | lot specific |
| | |

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| Size | 1 mg |
|--------------|---|
| Buffer | 10mM Phosphate, pH 7.4 containing 150mM Sodium chloride |
| Preservative | 0.1% Sodium Azide |
| Storage | 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

| Introduction | The pituitary glycoprotein hormone family includesfollicle-stimulating hormone, luteinizing hormone, chorionic gonadotropin, and thyroid-stimulating hormone. All of these glycoproteins consist of anidentical alpha subunit and a hormone-specific beta subunit. This geneencodes the beta subunit of follicle-stimulating hormone. In conjunction withluteinizing hormone, follicle-stimulating hormone induces egg and spermproduction. Alternative splicing results in two transcript variants encodingthe same protein. |
|--------------|---|
| Keywords | Follicle Stimulating Hormone; FSH; follicle-stimulating hormone; FSH; Follicle Stimulating Hormone (FSH); Follitropin alpha chain; CG alpha; CGA; Choriogonadotropin alpha chain; Chorionic gonadotrophin alpha subunit; Follicle stimulating hormone alpha cha |

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