

Product datasheet for **TA346995**

Leptin (LEP) Mouse Monoclonal Antibody [Clone ID: 7E3-D11-B7]

Product data:

| | |
|----------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | 7E3-D11-B7 |
| Applications: | ELISA |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | The immunogen for LEP antibody: purified recombinant full length of human Leptin protein expressed in E.coli. |
| Formulation: | Purified mouse monoclonal antibody in PBS(pH 7.4) containing with 0.02% sodium azide and 50% glycerol. |
| Purification: | Affinity purified |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Gene Name: | leptin |
| Database Link: | NP_000221 Entrez Gene 3952 Human P41159 |
| Background: | This gene encodes a protein that is secreted by white adipocytes, and which plays a major role in the regulation of body weight. This protein, which acts through the leptin receptor, functions as part of a signaling pathway that can inhibit food intake and/or regulate energy expenditure to maintain constancy of the adipose mass. This protein also has several endocrine functions, and is involved in the regulation of immune and inflammatory responses, hematopoiesis, angiogenesis and wound healing. Mutations in this gene and/or its regulatory regions cause severe obesity, and morbid obesity with hypogonadism. This gene has also been linked to type 2 diabetes mellitus development. |
| Synonyms: | LEPD; OB; OBS |

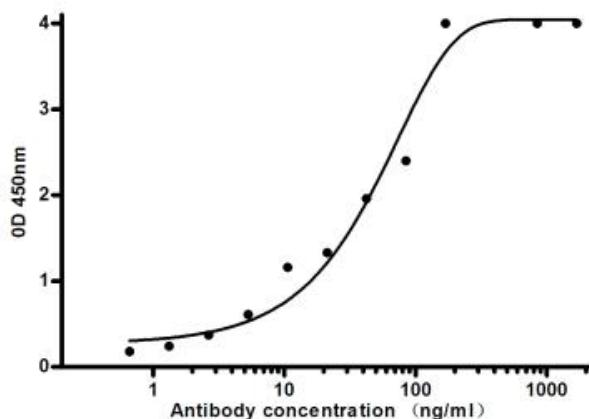


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Protein Families: Druggable Genome, Secreted Protein

Protein Pathways: Adipocytokine signaling pathway, Cytokine-cytokine receptor interaction, Jak-STAT signaling pathway, Neuroactive ligand-receptor interaction

Product images:



Indirect ELISA assay for anti-Leptin mouse mAb. Antigen coating concentration: 4ug/ml.