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Antibody to Leptin
MOUSE MONOCLONAL

Catalog Number: AB-524
Quantity: 500 micrograms
Format: Lyophilized
Host: Mouse
Isotype: IgG1
Clone: YD-HLEP4B6
Immunogen: r.Human Leptin

Background:

Leptin is a 16-kDa peptide hormone secreted from white adipocytes and implicated in the regulation of food intake and energy balance. Leptin provides the key afferent signal from fat cells in the feedback system that controls body fat stores.

Specificity and Preparation:

Mouse anti-human leptin is purified over an ion exchange column. Protein concentration is 1 mg/ml in PBS (after reconstitution).

Usage and Storage:

Reported to be effective for direct ELISA, western blot, and immunoprecipitation. Titer: by direct ELISA, 1:10,000 dilution will yield 0.8 O.D using alkaline phosphatase conjugated rabbit anti-mouse Ig (Jackson Laboratories).

Reconstitute with sterile H₂O. Gently spin down material before use; 5-10 seconds in a microfuge should be adequate. Store lyophilized material at 4°C in dry environment. After reconstitution, if not intended for use within a month, aliquot and store at -20°C. Material is stable for two years lyophilized, one month in solution at 4°C.

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