

## LEP

### Mouse Anti-Human Leptin Clone 1H6 2B9 mAb

<b>Catalog No.</b>	CML000	<b>Quantity:</b>	0.5 mg
<b>Alternate Names:</b>	FLJ94114, OB, OBS		
<b>Description:</b>	Leptin (LEP) is a protein secreted by white adipocytes and plays a major role in the regulation of body weight. LEP acts through the Leptin Receptor (LEPR) and functions as part of a signaling pathway that can inhibit food intake and/or regulate energy expenditure to maintain constancy of the adipose mass. LEP also has several endocrine functions, and is involved in the regulation of immune and inflammatory responses, hematopoiesis, angiogenesis and wound healing. Mutations in the <i>LEP</i> gene and/or its regulatory regions cause severe obesity, and morbid obesity with hypogonadism. LEP has also been linked to Type 2 Diabetes Mellitus development.		
<b>GeneID:</b>	3952		
<b>Concentration:</b>	1 mg/mL		
<b>Specificity:</b>	Recognizes Native and Recombinant Leptin		
<b>Host:</b>	Mouse		
<b>Immunogen:</b>	Recombinant Human Leptin		
<b>Isotype:</b>	IgG <sub>2a</sub> kappa		
<b>Clone:</b>	1H6 2B9		
<b>Formulation:</b>	Liquid in PBS pH 7.5 + 0.05% Sodium Azide. Precaution: Sodium Azide is a poisonous and hazardous substance which should be handled by trained staff only.		
<b>Purification:</b>	Protein A Afinity chromatography		
<b>Applications:</b>	This antibody is suitable for use in ELISA as a capture antibody. Just prior to use, dilute this preparation to a concentration of 1-5 µg/mL in an appropriate buffer, and coat each well of a microtiter plate with 100 µl. A general ELISA procedure is available on request. The optimal concentration should be determined by the user for each specific application.		
<b>Storage &amp; Stability:</b>	Store at 2-4°C.		

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