## **Datasheet**

Blood coagulation and Anemia • Bone Metabolism • Cardiac Markers • Fertility and Pregnancy Gangliosides • Hormone Markers • Immunology and Serology • Infectious Diseases • Inflammation Kidney Diseases • Metabolic Syndrome • Microbial and Plant Toxins • Miscellaneous • Neuroscience Thyroid Diseases • Tumor Markers • Veterinary

**CATALOGUE #: 2LE1** 

PRODUCT NAME: Monoclonal mouse anti-human leptin

MAbs in vivo: 3G7, 4F12

Mouse monoclonal antibody produced in ascites. Hybridoma clone derived from hybridization of

Sp2/0 myeloma cells with spleen cells of Balb/c mice.

Immunogen: Recombinant leptin

Specificity: MAbs recognize recombinant human leptin and leptin circulating in human blood

MAb isotypes: IgG1 for 3G7, 4F12

**Applications:** Leptin immunoassay. MAbs recognize human leptin in Western blotting.

MAbs were tested in sandwich immunoassay with human blood samples. Recommended pairs

recognize antigen in human blood with high sensitivity.

Recommended pairs for sandwich immunoassay:

Capture	Detection
3G7	4F12
4F12	3G7

**Purification:** Protein A chromatography for 3G7

Protein A chromatography and gel-filtration for 4F12

Presentation: PBS, pH 7.4, 0.09 % sodium azide (NaN<sub>3</sub>)

Storage: +4 °C (+2 ... +8 °C allowed)

Material This product is sold for research or further manufacturing use only. Standard Laboratory Practices safety note:

should be followed when handling this material.

Product contains sodium azide as a preservative. Although the amount of sodium azide is very small

appropriate care must be taken when handling this product.

