

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 (NaN₃)

Storage: +4 °C (+2 ... +8 °C allowed)

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