



# DataSheet

**CATALOGUE #:** 2LE1

**PRODUCT NAME:** Monoclonal mouse anti-human leptin

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**MAbs:** 3G7, 4F12

Hybridoma clones have been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with recombinant leptin.

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

**MAb isotypes:** IgG1 for MAbs 3G7, 4F12

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

MAbs were tested in sandwich immunoassay with human blood samples. All recommended pairs recognize antigen in human blood with high sensitivity.

Recommended pairs for sandwich immunoassay (capture – detection):

3G7 – 4F12

4F12 – 3G7

**Purification:** MAb 4F12: Protein A chromatography and gel-filtration,  
MAb 3G7: Protein A chromatography

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

**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.

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