



DataSheet

CATALOGUE #: 4LGB5

PRODUCT NAME: Monoclonal mouse anti- insulin-like growth factor-binding protein-5 (IGFBP-5)

MAbs: IBPF12, IBPF87

Hybridoma clones have been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with human IGFBP-5 recombinant fragment expressed in *E. coli* corresponding to amino acid residues Lys164-Glu272 (MAb IBPF87) or synthetic peptide from human IGFBP-5 corresponding to amino acid residues Cys100-Glu120 (MAb IBPF12).

Specificity: Human IGFBP-5

MAb isotypes: **IgG1** for MAb IBPF12
IgG2a for MAb IBPF87

Applications: All MAbs work in direct ELISA and Western Blotting.
Recommended pair for IGFBP-5 immunodetection in sandwich immunoassay (capture-detection):
IBPF12 – IBPF87
MAb IBPF87 can be used for immunoaffinity purification.

Purification: Protein A chromatography

Presentation: PBS, pH 7.4, 0.09 % sodium azide (NaN₃)

Storage: +4 °C (+2 ... +8 °C allowed)

Other information: Some applications in which these products may be used are covered by patents issued and applicable in certain countries. Because purchase of these products does not include a license to perform any patented application, users of these products may be required to obtain a patent license, depending on the particular application and country in which the product is used.

Material safety note: This product is sold **for research 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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