



**CATALOGUE #:** 4IGF4

**PRODUCT NAME:** Monoclonal mouse anti- Insulin-like growth factor binding protein 4 (IGFBP-4)

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**MAbs:** IBP144, IBP182, IBP190  
Hybridoma clones have been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with recombinant IGFBP-4 expressed in human cell line.

**Specificity:** Human IGFBP-4 (Insulin-like growth factor binding protein 4)

**MAb isotypes:** **IgG1** for MAb IBP190  
**IgG2a** for MAb IBP144  
**IgG2b** for MAb IBP182

**Applications:** Detection of human IGFBP-4 (Insulin-like growth factor binding protein 4). MAbs are working in direct ELISA and sandwich immunoassay.  
Recommended pairs for sandwich immunoassay (capture-detection):  
IBP182 – IBP144  
IBP144 – IBP190

**Purification:** Chromatography on protein A Sepharose

**Presentation:** PBS, pH 7.4, 0.1 % sodium azide (NaN<sub>3</sub>)

**Storage:** + 4 °C

**Material safety note:** This product is sold as an antibody preparation **for research use only**. Standard Laboratory Practices should be followed when handling this material.  
Contains sodium azide (0.1 %) as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.