

# Monoclonal Antibody to Human Insulin

BIOTINYLATED

<b>Antibody:</b>	2D11-H5
<b>Product code:</b>	3120-6-250
<b>Quantity:</b>	250 µg
<b>Immunogen:</b>	Pig insulin
<b>Isotype:</b>	Mouse IgG1
<b>Specificity:</b>	Native and recombinant pig and human insulin. Human and pig insulin are identical except for one amino acid residue. Human insulin is 100% identical to insulin from cynomolgus and rhesus macaque, African green monkey and olive baboon. Insulin from pig is 100% identical to Insulin from dog and ferret. The antibody does not react with the C-peptide.
<b>Concentration:</b>	Supplied at 1 mg/ml in sterile filtered (0.2 µm) PBS with 0.02% sodium azide.
<b>Purification:</b>	Purified from <i>in vitro</i> cultures by protein G affinity chromatography.
<b>Biotinylation:</b>	Biotinylated through reaction with a N-hydroxysuccinimide ester of biotin.
<b>Storage:</b>	Store product at 4-8°C or frozen at -20°C or below. Avoid repeated freezing/thawing. The expiry date indicates how long unopened products, stored according to instructions, are recommended for use.
<b>Applications:</b>	For quantification of insulin in solution e.g. cell culture supernatants using ELISA. 2D11-H5 is recommended as detection mAb in combination with coating mAb E2-E3 (product code 3120-3). Immunocytochemistry.
<b>Protocols:</b>	Please contact Mabtech for ELISA protocols.

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Note: for research use only.  
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Developed and manufactured by MABTECH AB, Sweden, whose quality management system complies with the standards ISO 9001:2015 & ISO 13485:2016.

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