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Product Description

Monoclonal anti IGF-1

Product: Monoclonal antibody against human Insulin-like growth factor I

Code number: 41

Lot No.: 5.93

Form: lyophilized ascites (no preservatives).

Quantity: 200 µl

Reconstitution: with 200 µl bidistilled water

Description

This IgG1 mouse monoclonal antibody against IGF I can detect a concentration of 0.2 ng IGF I/0.2 ml serum with an affinity of 10^9 M^{-1} . 50% of ^{125}I IGF I are bound at a final dilution of the ascites of 1:20'000. The antibody crossreact 3% with IGF II but not with insulin and can be used for immunopurification of IGF's from human serum. It recognize IGF I of other species with following approximate relative potencies: guinea pig, rabbit, human, rat and mouse =7:4:1:<0.01:<0.01.

Working dilutions

For RIA: 1:20'000.

For other applications: not tested.

Storage

For long storage, keep small portions (1-2 µl) at -80°C (or at least at -20°C). For continuous use keep at 4°C (with 0.01 % Na-azide) Avoid repeated freezing and thawing.

References

Läubli U.K. et al. (1982) Monoclonal antibodies directed to human insulin-like growth factor I (IGF I). FEBS Letters 149: 109-112.