

PRODUCT INFORMATION SUMMARY

Anti-Human Insulin-Like Growth Factor I Insulin-Like Growth Factor II

Anti-IGF I Purified Antibody Product Number MC810810 (0.1 mg)

Anti-IGF II Purified Antibody Product Number MC810820 (0.05 mg)

ANTIGEN DISTRIBUTION AND SPECIFICITY:

IGF-I: Forms of IGF-I which have $pI > 9.0$ (basic) show substantial cross-reactivity, including those derived from rat and mouse sera. This monoclonal antibody will neutralize biologic activity of IGF-I, including its insulin-like, mitogenic and sulphation activities. **Affinity constant :** 1×10^{10} I/mole. **Cross Reactivity:** IGF-II (1%); MSA (0.05%); porcine insulin (0.0001%).

IGF-II: The IGF-II molecule with cross reactivity to IGF-I and insulin less than 0.01%.

CLONE: **IGF-I** ANTIGENIX AMERICA clone M23
 IGF-II ANTIGENIX AMERICA clone H1

Immunoglobulin chain composition: MOUSE IgG1, both clones

HANDLING AND STORAGE:

All forms are supplied as liquid, 0.5 mL. Reagents will be in a medium containing 0.01M phosphate-buffered saline, pH 7.4, 0.2% gelatin and 0.1% sodium azide. These preparations should be diluted in a protein-containing or other stabilizing medium to a concentration suitable for use in specific protocols. All reagents in a liquid state should be stored at 2-8 C when not in use, or frozen in small aliquots, at high concentration, for long-term storage. Avoid repeat freeze-thaw cycles.

RESEARCH APPLICATIONS:

Immunohistochemistry (both frozen and **paraffin -embedded** sections).
ELISA, RIA, immunoassay development

REFERENCE: Blakytny, Robert; Journal Pathology (March 2000);
 V190, No. 5; p. 589-594.

CAUTION:

Reagents contain sodium azide, a preservative which may react with lead joints in copper drain lines to form explosive compounds. Even though reagents contain minute quantities of sodium azide, drains should be thoroughly flushed with water when reagents are discarded.

WARRANTY:

Products sold hereunder are warranted only to conform to the quantity and contents stated on the label at the time of delivery to the customer. There are no warranties, expressed or implied, which extend beyond the description on the label of the product.

FOR RESEARCH USE ONLY. NOT INTENDED FOR THERAPEUTIC OR DIAGNOSTIC USE.

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