

Technical Data Sheet

|                  |   |                 |
|------------------|---|-----------------|
| Product          | <b>Anti-hGH Purified</b>                                    |                 |
| Cat. Number/Size | <b>11-126-C025</b>  | <b>0.025 mg</b> |
|                  | <b>11-126-C100</b>  | <b>0.1 mg</b>   |
|                  | <b>For Research Use Only.</b>                               |                 |
|                  | <b>Not for use in diagnostic or therapeutic procedures.</b> |                 |

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|             |  |
|-------------|--|
| Antigen     | hGH  |
| Clone       | GH-45  |
| Format      | Purified   |
| Reactivity  | Human  |
| Application | IHC(P), ICC, ELISA   |
| Isotype     | Mouse IgG1   |
| Specificity | The antibody GH-45 reacts with human growth hormone (hGH), a polypeptide hormone synthesized by acidophilic or somatotrophic cells of the anterior pituitary gland. The GH-45 antibody reacts with affinity constant $3.8 \times 10^{10}$ l/mol; it does not bind human prolactin or any other pituitary hormones. |
| Other names | Somatotropin, Growth hormone   |
| Immunogen   | Human growth hormone.  |

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|----------------------|--|
| Concentration        | 0.5 mg/ml  |
| Preparation          | Purified by protein-A affinity chromatography  |
| Formulation          | Phosphate buffered saline (PBS) solution with 15 mM sodium azide                       |
| Storage and handling | Store at 2-8°C. Do not freeze. Do not use after expiration date stamped on vial label. |

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Images and References [www.exbio.cz](http://www.exbio.cz)

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