

DESCRIPTION

Species Reactivity	Rat
Specificity	Detects rat Growth Hormone in direct ELISAs and Western blots. In direct ELISAs and Western blots, no cross-reactivity with recombinant human Growth Hormone is observed.
Source	Monoclonal Mouse IgG _{2B} Clone # 222517
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant rat Growth Hormone Phe27-Phe216 Accession # P01244
Conjugate	Alexa Fluor 750 Excitation Wavelength: 749 nm Emission Wavelength: 775 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunohistochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Growth Hormone, also known as somatotropin, is synthesized primarily in the anterior pituitary. It is a pleiotropic cytokine that exerts its biological actions by binding to the transmembrane GH receptor which is present in many cell types.

PRODUCT SPECIFIC NOTICES

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