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Product Datasheet

Indian Hedgehog (IHH, Indian Hedgehog Protein, HHG-2), IgG2b, Clone: [11C22], Rat, Monoclonal USB-I0797-30C

Article Name	Indian Hedgehog (IHH, Indian Hedgehog Protein, HHG-2), IgG2b, Clone: [11C22], Rat, Monoclonal
Biozol Catalog Number	USB-I0797-30C
Supplier Catalog Number	I0797-30C
Alternative Catalog Number	USB-I0797-30C-500
Manufacturer	US Biological
Host	Rat
Category	Antikörper
Application	ELISA, WB
Immunogen	Recombinant protein corresponding to Cys28-Gly202 at the N-terminal of mouse Indian Hedgehog, expressed in E. coli.
Product Description	The hedgehog (hh) gene encoding a secreted protein was originally identified in Drosophila as a segment polarity gene. The vertebrate homologues of Hh comprise several proteins including sonic hedgehog (Shh), Indian hedgehog (Ihh), and Desert hedgehog (Dhh). These proteins are secreted and bind to G-protein coupled receptors (GPCRs) to regulate gene expression. The Indian hedgehog protein (Ihh) is a 202 amino acid protein with a single transmembrane domain and a large extracellular N-terminal domain. It is expressed in various tissues and plays a role in development and regeneration. The monoclonal antibody clone 11C22 is specific for the N-terminal region of the protein.
Clonality	Monoclonal
Clone Designation	[11C22]
Isotype	IgG2b
NCBI	49692
UniProt	P97812

Purity	Purified by Protein G affinity chromatography from culture supernatant. Endotoxin: 0.1EU/ug (LAL)
Form	Supplied as a lyophilized powder from PBS, 5% trehalose. Reconstitute with 1ml sterile PBS.