

Product datasheet for **BM715**

Somatostatin (SST) Rat Monoclonal Antibody [Clone ID: YC7]

Product data:

Product Type:	Primary Antibodies
Clone Name:	YC7
Applications:	IHC
Recommended Dilution:	Immunohistochemistry on Frozen Sections. Immunohistochemistry on Paraffin Sections.
Reactivity:	Guinea Pig, Human, Mouse, Porcine, Rat
Host:	Rat
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Somatostatin conjugated to Thyroglobulin.
Specificity:	This antibody is specific for Somatostatin. This antibody does not cross react with Enkephalins, other Endorphins, Substance P, or CGRP. It partially cross reacts with Somatostatin fragments. The epitope recognised by this antibody lies within the 1-14 amino acid sequence of cyclic Somatostatin.
Formulation:	State: Supernatant State: Liquid Tissue Culture Supernatant Preservative: 0.05% Thimerosal
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	somatostatin
Database Link:	Entrez Gene 6750 Human P61278



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- Background:** Somatostatin is a hormone involved in endocrine system regulation through interactions with pituitary growth hormone, thyroid stimulating hormone, and a number of hormones of the gastrointestinal tract. Somatostatin has active 14 amino acid and 28 amino acid forms, produced by alternate cleavage of the gene product.
- Synonyms:** Growth hormone release-inhibiting factor, Somatostatin 28, Somatostatin 14