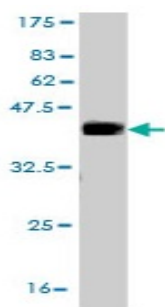


## Mouse monoclonal antibody to human Secretogranin-5 [8G11]: IgG

<b>Catalogue No.:</b>	M-865-100
<b>Description:</b>	Secretogranin-5 is an acidic protein of 186 amino acids and has an expression that seems to be restricted to neurons and endocrine cells. In the brain, it is most abundant in the supraoptic and paraventricular nuclei of the hypothalamus. It acts in neuroendocrine cells as a specific chaperone for proprotein convertase-2 (PC2) which is an important endoprotease involved in the processing of neuroendocrine precursors. It binds to inactive proPC2 in the ER and facilitates its movement toward the secretory pathway where proPC2 is proteolytically matured and activated. It also plays a role in regulating pituitary hormone secretion.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	Partial recombinant human Secretogranin-5 (amino acids 59-160) with a GST tag.
<b>Clone:</b>	8G11
<b>Other Names:</b>	Neuroendocrine protein 7B2; Secretory granule endocrine protein I; Secretogranin V; Pituitary polypeptide; SCG5; SGNE1
<b>Accession:</b>	7B2_HUMAN
<b>Produced in:</b>	Mouse
<b>Purity:</b>	Protein G purified immunoglobulin
<b>Applications:</b>	This antibody is recommended for WB and direct ELISA. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	Specificity has been confirmed by WB and direct ELISA against the antigen.
<b>Cross-reactivity:</b>	Human, mouse and rat. Other species have not been tested.
<b>Form:</b>	Lyophilised from PBS pH 7.2
<b>Reconstitution:</b>	Reconstitute in 100 uL of sterile water. Centrifuge to remove any insoluble material.
<b>Storage:</b>	After reconstitution keep aliquots at -20C for higher stability or at 2-8C with an appropriate antibacterial agent. Glycerol (1:1) may be added for additional stability. Avoid repetitive freeze/thaw cycles.
<b>Expiry Date:</b>	12 months after purchase



Western blot detection of GST tagged recombinant human Secretogranin-5. Note the GST tag alone has a molecular weight of 26 kDa.

FOR RESEARCH USE ONLY