

## Datasheet

### SCGN monoclonal antibody (M01), clone 2G7

**Catalog Number:** H00010590-M01

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against a full length recombinant SCGN.

**Clone Name:** 2G7

**Immunogen:** SCGN (AAH00336.1, 1 a.a. ~ 276 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**

MDSSREPTLGRDLAAGFWQVWQRFDADEKGYIEEKE  
LDAFFLHMLMKLGTDDTVMKANLHKVKQQFMTTQDA  
SKDGRIRMKELAGMFLSEDENFLLLFRRENPLDSSVEF  
MQIWRKYDADSSGFISAAELRNFLRDLFLHHKKAISEA  
KLEEYTGTMKIFDRNKDGRDLNLDARILALQENFLL  
QFKMDACSTEERKRDFEKIFAYYDVSKTGALEGPEVD  
GFVKDMMELVQPSISGVLDLDFREILLRHCDVKNKDGKI  
QKSELALCLGLKINP

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, IHC-P, S-ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Isotype:** IgG1 kappa

**Storage Buffer:** In 1x PBS, pH 7.4

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 10590

**Gene Symbol:** SCGN

**Gene Alias:** CALBL, DJ501N12.8, SECRET, SEGN,

setagin

**Gene Summary:** The encoded protein is a secreted calcium-binding protein which is found in the cytoplasm. It is related to calbindin D-28K and calretinin. This protein is thought to be involved in KCL-stimulated calcium flux and cell proliferation. [provided by RefSeq]

**References:**

1. Distribution patterns of calcium-binding proteins in pancreatic tissue of non-diabetic as well as type 2 diabetic rats and in rat insulinoma beta-cells (INS-1). Bazwinsky-Wutschke I, Wolgast S, Muhlbauer E, Peschke E. Histochem Cell Biol. 2010 Aug;134(2):115-27. Epub 2010 Jul 7.
2. Proteomic analysis of normal human nasal mucosa: Establishment of a two-dimensional electrophoresis reference map. Lee JY, Byun JY, Lee SH. Clin Biochem. 2009 May;42(7-8):692-700. Epub 2009 Jan 8.