



Anti-SNCG monoclonal antibody, clone 2I21E3 (DCABH-8924)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Product Overview | Mouse monoclonal to gamma Synuclein |
| Antigen Description | Plays a role in neurofilament network integrity. May be involved in modulating axonal architecture during development and in the adult. In vitro, increases the susceptibility of neurofilament-H to calcium-dependent proteases (By similarity). May also function in modulating the keratin network in skin. Activates the MAPK and Elk-1 signal transduction pathway. |
| Immunogen | Ni-NTA purified truncated recombinant human SNCG (a.a. 2-127) expressed in E. Coli strain BL21 (DE3) |
| Isotype | IgG1 |
| Source/Host | Mouse |
| Species Reactivity | Rat, Human |
| Clone | 2I21E3 |
| Conjugate | Unconjugated |
| Applications | WB, IHC-P, IHC-Fr, ELISA, Flow Cyt |
| Positive Control | Human ovarian carcinoma tissue, human breast carcinoma tissue. |
| Format | Liquid |
| Size | 100 µl |
| Buffer | Preservative: 0.02% Sodium Azide; Constituents: PBS |

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| Preservative | 0.02% Sodium Azide |
| Storage | store at -20°C. Avoid freeze / thaw cycles. |
| Ship | Shipped at 4°C. |

GENE INFORMATION

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| Gene Name | SNCG synuclein, gamma (breast cancer-specific protein 1) [Homo sapiens] |
| Official Symbol | SNCG |
| Synonyms | SNCG; synuclein, gamma (breast cancer-specific protein 1); gamma-synuclein; BCSG1; persyn; SR; synoretin; breast cancer-specific gene 1 protein; |
| Entrez Gene ID | 6623 |
| Protein Refseq | NP_003078 |
| UniProt ID | O76070 |
| Chromosome Location | 10q23.2-q23.3 |