

Product name:	SNCG (breast cancer-specific protein 1) Mouse Monoclonal Antibody
Cat number:	MABN80552
Conjugate:	Unconjugated
Size:	100µL
Clone:	Monoclonal
Concentration:	1mg/ml
Host:	Mouse
Isotype:	Mouse IgG1
Immunogen:	Purified recombinant fragment of SNCG expressed in E. Coli.
Reactivity:	Human
Applications:	IHC 1:200-1:1000,ELISA 1:5000-1:20000
Purification:	Affinity Purification
Form:	Liquid
Buffer:	Purified antibody in PBS with 0.05% sodium azide.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	SNCG(also designated gamma-synuclein or breast cancer-specific protein 1),with 127-amino acid protein(about 14kDa), belongs to the synuclein family, which also includes alpha- and beta- synuclein.Three synucleins are located in the neuronal cytosol and enriched in presynaptic terminals,while SNCG is also expressed in many other non-neuronal tissues. SNCG is abnormally expressed in a high percentage of tumor tissues of diversified cancer types, including liver, esophagus, colon, gastric, lung, prostate, cervical, and breast cancer, but rarely expressed in tumor-matched nonneoplastic adjacent tissues. High levels of SNCG have been identified in advanced breast carcinomas suggesting a correlation between overexpression of SNCG and breast tumor development.