

Mouse Monoclonal Antibody to SNCG (breast cancer-specific protein 1)

Catalogue Number	sAP-0065
Target Molecule	<p>Name: SNCG (breast cancer-specific protein 1)</p> <p>Aliases: SR; BCSG1</p> <p>MW: N/A</p> <p>Entrez Gene ID: 6623</p>
Description	<p>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.</p>
Immunogen	Purified recombinant fragment of SNCG expressed in E. Coli.
Recitative Species	Human
Clone	MM1H10D2;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	<p>1. Haiyan Liu, Wei Liu, Yinwei Wu. Cancer Res. 2005 Sep 1;65(17):7635-43. ; 2. Irina Surgucheva , Belinda McMahon , Andrei Surguchov. Cell Motil Cytoskeleton. 2006 May 26. ;</p>

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**