

## Mouse Monoclonal Antibody to Mammaglobin-1

Catalogue Number	sAP-0248
Target Molecule	<b>Name: Mammaglobin-1</b> <b>Aliases:</b> MGB1; UGB2; SCGB2A2 <b>MW:</b> N/A <b>Entrez Gene ID: 4250</b>
Description	Mammaglobin is a gene that is expressed almost exclusively in the normal breast epithelium and human breast cancer. It is a member of the secretoglobulin gene family and forms a heterodimer with lipophilin B. It has been suggested that mammaglobin may be a useful marker for breast cancer clinical research. Studies investigating the detection of mRNA by RT PCR from circulating carcinoma cells in the peripheral blood of breast cancer patients have shown that mammaglobin is a highly specific marker and correlates with several prognostic factors, such as lymph node involvement.
Immunogen	Purified recombinant fragment of Mammaglobin-1 expressed in E. Coli. ;
Recombinant Species	Human
Clone	MM1G8D6;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H <sub>2</sub> 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
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Am J Clin Pathol. 2004 May;121(5):637-43. ; 2. Eur J Surg Oncol. 2007 Feb;33(1):16-22.

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**