

AM10049SU-N**Monoclonal Antibody to BCA225 - Supernatant**

Alternate names:	BCA-225
Quantity:	1 ml
Background:	BCA225 is a 225 kDa glycoprotein secreted by the T47D breast carcinoma cell line.
Host / Isotype:	Mouse / IgG1
Clone:	CU18
Immunogen:	A synthetic peptide
Format:	State: Liquid Tissue Culture Supernatant with 0.2% BSA and 15mM Sodium Azide.
Applications:	Immunohistochemistry on Formalin-Fixed, Paraffin-Embedded Sections: 1/50 Pretreatment of deparaffinized tissue with heat-induced epitope retrieval is recommended. Use Polymer anti Mouse/Rabbit IgG as a detection system. <i>Positive Control:</i> Breast carcinoma. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes a Human Breast Carcinoma associated glycoprotein BCA-225 (220-225kD). This protein differs in size and distribution from other Breast Carcinoma antigens. Unlike other antibodies against Breast Carcinoma antigens, this antibody does not react with benign or malignant colonic, stomach, prostate, liver, pancreas, thyroid, or parotid tissues. Adenocarcinomas of the lung, ovary and endometrium also stain with this antibody. Cellular Localization: Cytoplasmic. Species: Human. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C. Shelf life: one year from despatch.
General Readings:	1. Ceriani RL, et al., Monoclonal Ab's and Breast Cancer Boston, Martinus, Nijhoff, 1985. 2. Mesa-Tejada R, et al., Am J Pathol. 130:305-314, 1988. 3. Loy TS, et al., Am J Clin Pathol. 96(3):326-9, 1991. 4. Ma CK, et al., Am J Clin Pathol. 99(5):551-7, 1993.

Pictures:

Formalin-Fixed, Paraffin-Embedded Human breast stained with BCA225 antibody Cat.-No. AM10049SU-N using peroxidase conjugate and DAB chromogen. Note cytoplasmic staining of breast carcinoma cells.

