

Mouse anti-Human BCA-225 Monoclonal Antibody | anti-BCA-225 antibody

BCA-225

CATALOG # AAA59170	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry
------------------------------	----------------------	----------------------------	---

PRODUCT SYNONYMS

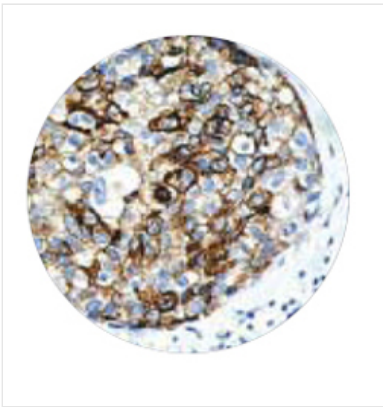
BCA-225; Monoclonal Antibody; anti-BCA-225 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1/K
Clone Number	Cu-18
Form/Format	BCA-225 is a mouse monoclonal antibody derived from cell culture supernatant that is concentrated, dialyzed, filter sterilized and diluted in buffer pH 7.5, containing BSA and sodium azide as a preservative.
Applicable Applications for anti-BCA-225 antibody	IHC (Immunohistochemistry)
Control	Breast, Lung, Uterus, Cervical Carcinoma, Breast Carcinoma
Localization	Cytoplasmic
Reactivity Note	Paraffin, Frozen
Immunogen	BCA 225 protein secreted by the T47D (clone 11) human breast carcinoma cell line.
Precautions	1. This product contains <0.1% sodium azide (NaN₃) as a preservative. Ensure proper handling procedures are used with this reagent. 2. Always wear personal protective equipment such as laboratory coat, goggles and gloves when handling reagents. 3. Dispose of unused solution with copious amount of water. 4. Do not ingest reagent. If reagent is ingested, seek medical advice immediately. 5. Avoid contact with eyes. If contact occurs, flush with large quantities of water. 6. Follow safety precautions of the heating device used for epitope retrieval (TintoRetriever Pressure Cooker or similar). 7. For additional safety information refer to Safety Data Sheet for this product. 8. For complete recommendations for handling biological specimens, please refer to the CDC document, "Guidelines for Safe Work Practices in Human and Animal Laboratories" (see References in this document).
Mounting Protocols	For detailed instructions using biodegradable permanent mounting media such as XyGreen PermaMounter or organic solvent based resin such as PermaMounter, please inquire.
Preparation and Storage	Store at 2-8°C. (Control Slides: Store at 20-25°C)

Abbreviated Immunohistochemical Protocol			
Step	ImmunoDetector AP/HRP	PolyDetector AP/HRP	PolyDetector Plus HRP
Peroxidase/AP Blocker	5 min.	5 min.	5 min
Primary Antibody	30-60 min.	30-60 min.	30-60 min.
1st Step Detection	10 min.	30-45 min.	15 min.
2nd Step Detection	10 min.	Not Applicable	15 min.
Substrate-Chromogen	5-10 min.	5-10 min.	5-10 min.
Counterstain / Coverslip	Varies	Varies	Varies

Application Data



IHC (Immunohistochemistry)
Immunohistochemistry of BCA-225 on a FFPE Breast Carcinoma Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-BCA-225 antibody	This antibody recognizes a human Breast Carcinoma-associated glycoprotein, BCA-225 (220-225 kDa). This protein differs in size and distribution from other Breast Carcinoma antigens. Unlike other carcinoma antibodies against Breast Carcinoma antigens, this antibody does not react with benign or malignant colonic tissues. Since this antigen is localized in malignancies of Breast Carcinomas and Carcinoma of the Uterine Cervix, it can be effectively used to identify metastatic Breast Carcinoma lesions. Strong intracytoplasmic staining is seen in primary and metastatic Breast Carcinoma tissue, as well as in Cervical Carcinomas. Apical staining is seen in normal kidney, lung, Fallopian tube, liver, skin (eccrine sweat glands) and uterus. Similar staining patterns are observed in lung, ovarian, and endometrial cancers. Carcinomas of the colon, stomach, prostate, urinary bladder, liver, pancreas, thyroid, and parotid are negative, as are Sarcomas and Lymphoid Cancers.
--	---

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/bca-225-antibody-clone-cu-18-immunohistochemistry-elisa/59170>