

Mouse Cytokeratin Cocktail, AE1 & AE3 Monoclonal Antibody

Cytokeratin Cocktail, AE1 & AE3

CATALOG # AAA59211	HOST Mouse	REACTIVITY Human, Dog, Cat, Mouse, Rat, Monkey, Rabbit, Chicken, Horse
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PRODUCT SYNONYMS

Cytokeratin Cocktail; AE1 & AE3; Monoclonal Antibody; anti-Cytokeratin Cocktail; AE1 & AE3 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Dog, Cat, Mouse, Rat, Monkey, Rabbit, Chicken, Horse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	AE1/AE3
Form/Format	Cytokeratin AE1/AE3 is cocktail of a mouse monoclonal antibodies 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.
Control	Prostate, Skin, Colon, Stomach, Salivary Gland
Localization	Cytoplasmic
Immunogen	Purified human epidermal keratin
Reactivity Note	Paraffin, Frozen
Intended Use	This antibody is intended for use in Immunohistochemical applications on formalin- fixed paraffin-embedded tissues (FFPE), frozen tissue sections and cell preparations. Interpretation of results should be performed by a qualified medical professional
Precautions	1. For professional users only. Results should be interpreted by a qualified medical professional. 2. This product contains <0.1% sodium azide (NaN₃) as a preservative. Ensure proper handling procedures are used with this reagent. 3. Always wear personal protective equipment such as a laboratory coat, goggles, and gloves when handling reagents. 4. Dispose of unused solution with copious amounts of water. 5. Do not ingest reagent. If reagent is ingested, seek medical advice immediately. 6. Avoid contact with eyes. If contact occurs, flush with large quantities of water. 7. Follow safety precautions of the heating device used for epitope retrieval (TintoRetriever Pressure Cooker or similar). 8. For complete recommendations for handling biological specimens, please refer to the CDC document, "Guidelines for Safe Work Practices in Human and AMDL".
Preparation and Storage	Store at 2-8 Degree C. Do not use after expiration date listed on package label. Temperature fluctuations should be avoided. Store appropriately when not in use, and avoid prolonged exposure to room temperature conditions

IMAGES

		
Application Data		IHC (Immunohistochemistry) Inset: IHC of CK AE1 & AE3 on an FFPE Colon Tissue
		
Dilution Info		

ADDITIONAL INFORMATION

Related Product Information for anti-Cytokeratin Cocktail, AE1 & AE3 antibody	Cytokeratins are intermediate-filament keratins found in the intracytoplasmic cytoskeleton of epithelial tissue. There are two types of cytokeratins: the low-weight, acidic Type I cytokeratins and the high-weight, basic or neutral Type II cytokeratins. Cytokeratins are usually found in pairs comprising a Type I cytokeratin and a Type II cytokeratin. Expression of these cytokeratins is frequently organ or tissue-specific. Cytokeratin cocktail AE1/AE3 is well suited to distinguish Epithelial Carcinoma from Non-epithelial malignancies and is used to aid Epithelial Tumor classification. This antibody has been used to characterize the source of various neoplasms and to study the distribution of keratin-containing cells in epithelia during normal development and during the development of epithelial neoplasms. This antibody stains cytokeratins present in normal and abnormal human tissues. This antibody has shown high sensitivity and specificity in recognizing epithelial cells of neoplastic origin.
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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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cytokeratin-cocktail-ae1-ae3-antibody-clone-ae1-ae3-elisa/59211>