

Mouse Cytokeratin LMW, AE1 Monoclonal Antibody

Cytokeratin LMW, AE1

CATALOG # AAA59213	HOST Mouse	REACTIVITY Human, Mouse, Rat, Monkey, Rabbit, Chicken, Cattle, Shrew, Fish
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PRODUCT SYNONYMS

Cytokeratin LMW; AE1; Monoclonal Antibody; anti-Cytokeratin LMW; AE1 antibody

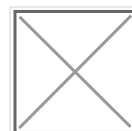
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat, Monkey, Rabbit, Chicken, Cattle, Shrew, Fish
Clonality	Monoclonal
Isotype	IgG1
Clone Number	AE1
Form/Format	Cytokeratin LMW AE1 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.
Control	Prostate, Salivary Gland
Localization	Cytoplasmic
Reactivity Note	Paraffin, Frozen
Preparation and Storage	Store at 2 to 8 degree C in the dark.

IMAGES



IHC (Immunohistochemistry)



Dilution Info

ADDITIONAL INFORMATION

Related Product Information for anti-Cytokeratin LMW, AE1 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 Low Molecular Weight AE1 can recognize most acidic keratins, making it a broadly reactive antibody that stains most epithelia and their neoplasms. Members of the acidic and basic subfamilies are found in pairs. Each epithelium contains at least one acidic and one basic keratin so this antibody can show the distribution of keratin-containing cells in epithelia. Cytokeratin AE1 is particularly suited to distinguish poorly-differentiated Carcinomas from non-epithelial Neoplasms. This marker stains both normal and neoplastic cells of epithelial origin.

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.