

Mouse CYTOKERATIN Monoclonal Antibody | anti-KRT6A antibody

MOUSE ANTI HUMAN CYTOKERATIN (PAN REACTIVE)

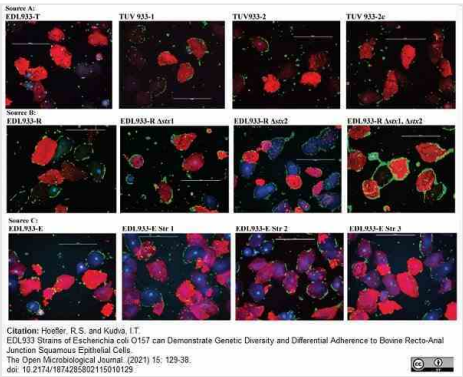
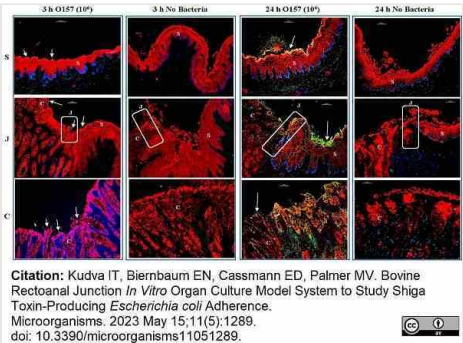
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50486	Mouse	Human, Mammals	Immunoprecipitation, Immunohistochemistry, Immunohistochemistry, Western Blot, Flow Cytometry, Functional Assay, Immunofluorescence

PRODUCT SYNONYMS

CYTOKERATIN; Monoclonal Antibody; MOUSE ANTI HUMAN CYTOKERATIN (PAN REACTIVE); anti-KRT6A antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mammals
Clonality	Monoclonal
Isotype	IgG1
Clone Number	C-11
Purity/Purification	Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant
Form/Format	Purified IgG - liquid Phosphate buffered saline <0.1% Sodium Azide (NaN ₃)
Concentration	IgG concentration 1.0mg/ml (varies by lot)
Applicable Applications for anti-KRT6A antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), IHC (Immunohistochemistry), WB (Western Blot), FCM/FACS (Flow Cytometry), IF (Immunofluorescence)
Immunogen	Keratin-enriched preparation from human epidermoid carcinoma cell line A431
Region	PAN REACTIVE
Preparation and Storage	IgG concentration 1.0mg/ml

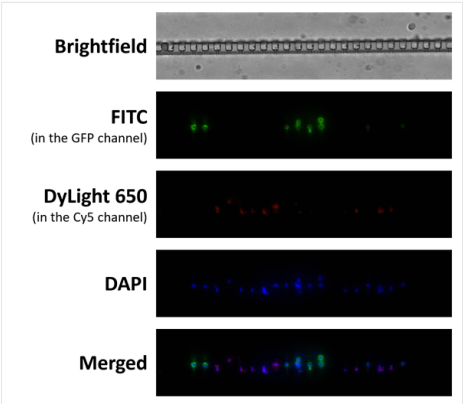


Application Data

Published customer image: Mouse anti human cytokeratin (Pan reactive) antibody, clone C-11 used to label cytokeratins in bovine recto-anal junction tissue sections by immunofluorescence. Image caption: Immunofluorescent images of tissue sections from RAJ-IVOC adherence assay trial 1. The RAJ-IVOC were inoculated with either O157 (106 CFU inoculum as shown in parenthesis) or not inoculated (no bacteria) and incubated at 39 °C for 3 or 24 h. Tissue sections of the RAJ-IVOC were then stained with immunofluorescent antibodies targeting the RAJ cells' cytokeratins and O157, and images were recorded at 100x magnification. The adherent bacteria (shown with arrows), RAJ cells' cytokeratins, and the nuclei have green, orange-red, and blue fluorescence, respectively. The squamous (S), junction (J, boxed), and columnar (C) regions of the RAJ are indicated along with a 100 µm scale bar.

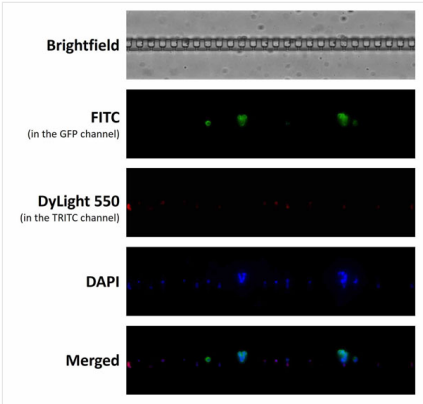
Application Data

Published customer image: Mouse anti pan Cytokeratin antibody, clone C-11 (AAA50486) used to label cytokeratins in bovine cells by immunofluorescence. Image caption: Adherence patterns of EDL933 strains and mutants, obtained from sources A, B, and C, on RSE cells. The immunofluorescent stained slides are shown at 40x magnification. O157 have green fluorescence; RSE cells' cytokeratins have orange-red fluorescence, and nuclei have blue fluorescence.



IF (Immunofluorescence)

Immunofluorescence staining of MCF-7 cells spiked in blood samples and captured using the Genesis System and CelSelect SlidesTM Technology. Leukocytes (red) are identified using Mouse anti Human CD45 antibody and detected using a DyLight 550 conjugated Human anti Mouse IgG2a secondary antibody (HCA310D550). Immunolabeling of MCF-7 cells (green) was performed using Mouse anti Human Cytokeratin (Pan reactive) antibody (AAA50486) and detected using a FITC conjugated Goat anti Mouse IgG1 secondary antibody. Imaged using Nikon Ti2 at 20x magnification.



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ADDITIONAL INFORMATION

Related Product Information for anti-KRT6A antibody

Mouse anti human cytokeratin (Pan reactive) antibody, clone C-11 recognizes the human cytokeratins 4, 5, 6, 8, 10, 13 and 18. Cytokeratins, also known as keratins, form a subfamily of cytoplasmic proteins expressed in epithelial cells where they form intermediate filaments responsible for providing cells resistance to mechanical stress. Cytokeratins are characterized by their remarkable biochemical diversity, with epithelial tissues expressing at least 20 different cytokeratins (cytokeratin 1 to 20) divided into type I cytokeratins (acidic cytokeratins 9 to 20) and type II cytokeratins (basic to neutral cytokeratins 1 to 8) subfamilies. Cytokeratin expression profile is largely specific to particular organs and tissues and their development stage. That tissue-specific expression profile of cytokeratins is usually retained upon epithelial cell transformation and is therefore used in clinic to identify the cells from which carcinomas originated from. Mouse anti Human Cytokeratin (Pan reactive) antibody, clone C-11, has been validated for use on the Genesis Cell Isolation System with the CelSelect SlideTM technology.

Product Categories/Family for anti-KRT6A antibody

Primary

NCBI AND UNIPROT INFORMATION

NCBI GeneID	3853, 3875, 3851, 3852, 3858, 3860, 3854, 3856, 286887
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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-antibody-clone-c-11-immunoprecipitation-immunohistochemistry-immunohistochemistry-western-blot-flow-cytometry-immunofluorescence-elisa/50486>