

Anti-Cytokeratin 8 Recombinant Chicken Chimeric mAb

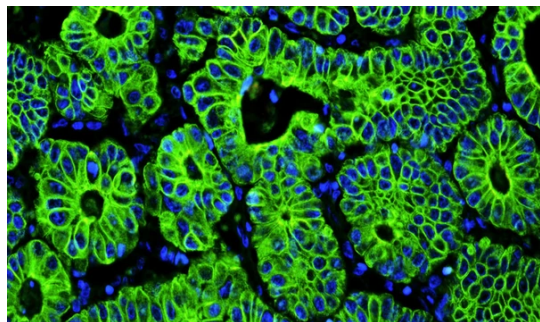


Product Details

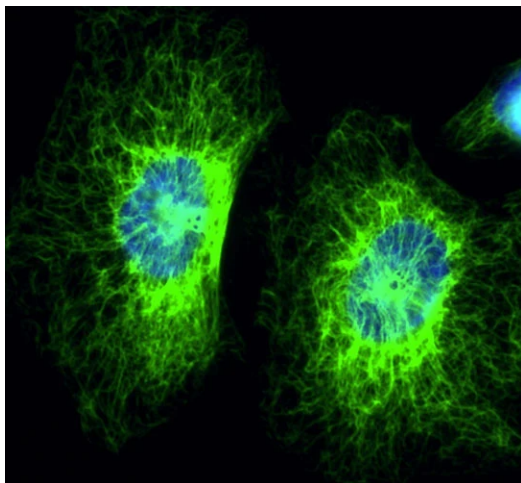
Available Variants	100 µL (SKU:78-602) 20 µL (SKU:78-602-020)
Conjugate	Unconjugated
Isotype	IgY
Clone	E8-C6-B4
Gene Name	KRT8
Host Species	Chicken
Concentration	1 mg/mL
Format	Purified by affinity chromatography
Physical State	Liquid
Buffer	1X PBS, 0.05% Sodium Azide pH 7.4
Production Notes	This recombinant antibody is a chimeric antibody created by replacing the mouse heavy and light constant regions of clone E8-C6-B4 with chicken IgY heavy and light constant regions. As such this antibody retains the same binding performance as the original clone E8-C6-B4 but can be detected using standard anti-chicken secondary antibodies allowing flexibility for multiplexing applications. This antibody is expressed recombinantly in mammalian cells and then affinity purified from the cell culture media.
Applications	ICC, IHC, WB
Dilution Ranges	WB: 1:1000-1:3000 IHC: 1:500-1:2000 ICC: 1:500-1:2000
Species Reactivity	Bovine, Human
Immunogen	C-terminal amino acids 472-483 of Human Cytokeratin 8

Specificity	No cross-reactivity reported
Molecular Weight	52 kDa
Quality Control	Each new lot of this antibody is tested to confirm that it recognizes a single immunoreactive band of expected molecular weight when tested by Western Blot.
Storage	Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.
UniProt ID	<u>P05787</u>
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	24 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

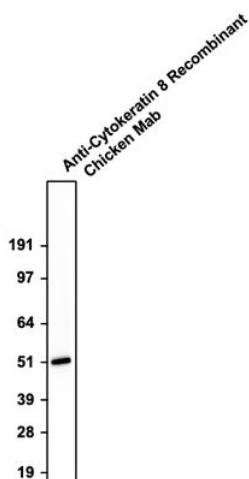
Product Images



Immunofluorescent staining for detection of cytoskeleton in human colon cancer tissue using Aves Labs anti-Cytokeratin 8 (CK8) chicken recombinant monoclonal antibody (Cat No. 78-602) at 1:1000 dilution. This section of formalin fixed, paraffin embedded colon cancer tissue was blocked with Immuno Protein Blocking Solution with 5% Goat Serum (AR-6591-04). After washing with TBST, the tissue was stained using goat anti-chicken IgY FITC conjugated secondary antibody (Cat No. 80-1000-FITC) (green). The tissue was mounted with Antibodies Incorporated Fluoroshield with DAPI and DABCO mounting medium (Cat No. AR-6505). DAPI nuclear stain (blue) shows cell nuclei. Magnification 400X.



Immunofluorescent staining of HeLa cells using Aves Labs anti-Cytokeratin 8 (CK8) recombinant chicken monoclonal antibody (green). The stained cells were mounted with Antibodies Incorporated Fluoroshield with DAPI and DABCO mounting medium (Cat No. AR-6505). DAPI nuclear stain (blue) shows cell nuclei. Anti-CK8 specifically stains the cytoskeleton of HeLa cells.



Western blotting of HeLa cell lysates with Aves Labs anti-Cytokeratin 8 (CK8) recombinant chicken mAb antibody at ~52 kDa. It was detected with anti-chicken-HRP (Cat No. 80-1000-HRP).

Product Page URL: www.antibodiesinc.com/products/anti-cytokeratin-8-recombinant-antibody-e8-c6-b4-78-602



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