

# CK7 Recombinant Monoclonal Antibody [BC1]

Rabbit Recombinant Monoclonal

Purified	Protein ID	P08729
Catalog No. A700-186-T	GeneID	3855
Lot No. A700-186-T-1		

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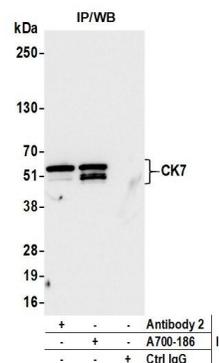
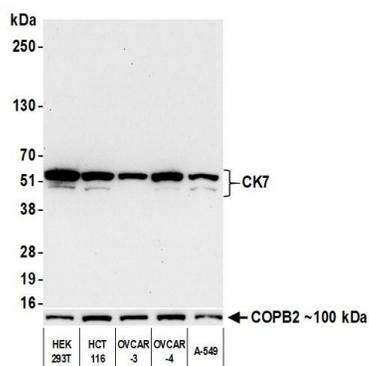
<b>APPLICATIONS</b>	WB, IP, IHC, ICC
<b>SPECIES REACTIVITY</b>	Human
<b>AMOUNT</b>	10 µl (5+ tests)
<b>CONCENTRATION</b>	100 µg/ml
<b>STORAGE/SHELF LIFE</b>	2 - 8° C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide
<b>ISOTYPE</b>	IgG
<b>CLONE #</b>	BC1
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	Recombinant antibody was purified from cell culture supernatant.  Immunogen was a peptide representing the C-terminus of human cytoskeletal keratin 7 (NP_005547.3, Gene ID 3855).

<b>APPLICATIONS</b>	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.
Western Blot	1:1000
Immunoprecipitation	The antibody contained within A700-186-T has been qualified for use in immunoprecipitation; however, we recommend purchasing the larger volume found as product A700-186-M.
Immunohistochemistry	1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.
Immunocytochemistry	1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE cell sections.

**IHC HUMAN CONTROLS** Bladder Cell Carcinoma, Breast Carcinoma, Lung Carcinoma, Ovarian Carcinoma, A-549 Cells, NCI-H1975 Cells, NCI-H226 Cells, OVCAR-3 Cells, OVCAR-4 Cells, RT-4 Cells

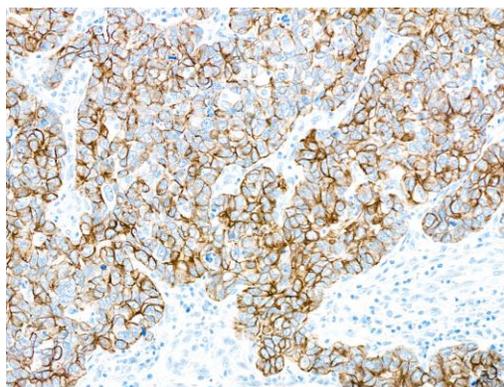
**ADDITIONAL INFO** <https://www.bethyl.com/product/A700-186-T>  
Use the link above to view SDS, a current list of citations, and other product specific information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.  
Michael Spencer, PhD Date: September 8, 2021

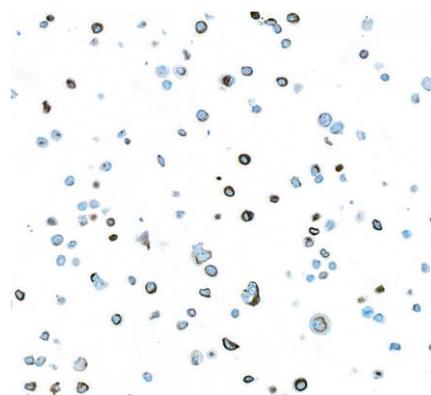


**Detection of human CK7 by western blot.** *Samples:* Whole cell lysate (10 µg) from HEK293T, HCT 116, OVCAR-3, OVCAR-4, and A-549 cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-CK7 recombinant monoclonal antibody [BC1] (A700-186-T lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 10 seconds. Lower Panel: Rabbit anti-COPB2 antibody (A304-523A).

**Detection of human CK7 by western blot of immunoprecipitates.** *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from A-549 cells prepared using NETN lysis buffer. *Antibodies:* Rabbit anti-CK7 recombinant monoclonal antibody [BC1] (A700-186-T lot 1) used for IP at 20 µl/mg lysate. CK7 was also immunoprecipitated by another antibody against a different epitope of CK7. For blotting immunoprecipitated CK7, A700-186-T was used at 1:1000. Chemiluminescence with an exposure time of 1 second.



**Detection of human CK7 in breast carcinoma by IHC.** *Antibody:* Rabbit anti-CK7 recombinant monoclonal antibody [BLR186J] (A700-186-T lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB



**Detection of human CK7 in NCI-H1975 cells by ICC.** *Antibody:* Rabbit anti-CK7 recombinant monoclonal antibody [BLR186J] (A700-186-T lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB