

## Anti-Cytokeratin 7 KRT7 Rabbit Monoclonal Antibody

Catalog Number: M02416-2

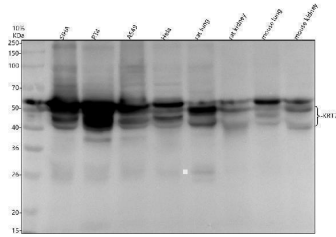
### Overview

Product Name	Anti-Cytokeratin 7 KRT7 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Cytokeratin 7 KRT7 Rabbit Monoclonal Antibody catalog # M02416-2. Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, IHC, ICC, WB
Clonality	Monoclonal GEC-11
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P08729

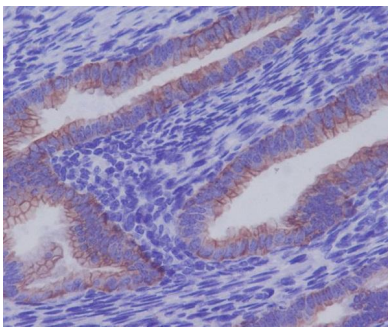
### Technical Details

Immunogen	A synthesized peptide derived from human Cytokeratin 7
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:500-2000 IHC 1:50-200 ICC/IF 1:50-200

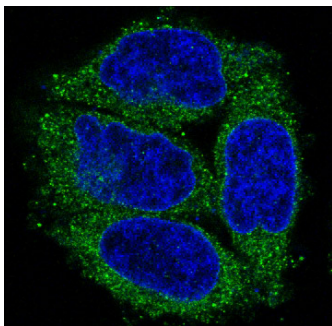
## Anti-Cytokeratin 7 KRT7 Rabbit Monoclonal Antibody (M02416-2) Images



Western blot analysis of Cytokeratin 7/KRT7 using anti-Cytokeratin 7/KRT7 antibody (M02416-2). Electrophoresis was performed on a 10% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human SIHA whole cell lysates, Lane 2: human RT4 whole cell lysates, Lane 3: human A549 whole cell lysates, Lane 4: human Hela whole cell lysates, Lane 5: rat lung tissue lysates, Lane 6: rat kidney tissue lysates, Lane 7: mouse lung tissue lysates, Lane 8: mouse kidney tissue lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-Cytokeratin 7/KRT7 antigen affinity purified monoclonal antibody (M02416-2) at 1: 500 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for Cytokeratin 7/KRT7 at approximately 40-50 kDa. The expected band size for Cytokeratin 7/KRT7 is at 51 kDa.

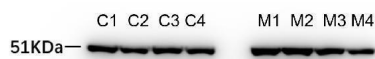


Immunohistochemical analysis of paraffin-embedded human uterus, using Cytokeratin 7 Antibody.



Immunofluorescent analysis of HeLa cells, using Cytokeratin 7 Antibody.

Western blot analysis of Cytokeratin 7/KRT7 using anti-Cytokeratin 7/KRT7 antibody (M02416-2). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing



conditions. Lane 1-4: control group-human HTR8 whole cell lysates, Lane 5-9: model group-human HTR8 whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-Cytokeratin 7/KRT7 antigen affinity purified polyclonal antibody (M02416-2) at 1:1000 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054) at a dilution of 1:5000 for 1 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate with ChemiDoc MP system. A specific band was detected for Cytokeratin 7/KRT7 at approximately 51 kDa. The expected band size for Cytokeratin 7/KRT7 is at 40-50 kDa.

## 1 Publications Citing This Product

1. PubMed ID: 29048644, Bu S, Zhang Q, Wang Q, Lai D. Int J Oncol. 2017 Nov;51(5):1405-1414. doi: 10.3892/ijo.2017.4123. Epub 2017 Sep 14. Human amniotic epithelial cells inhibit growth of epithelial ovarian cancer cells via TGF-beta1-mediated cell cycle arrest

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