

Product Datasheet

CK7 Rabbit Polyclonal Antibody (orb10410)

Catalog Number	orb10410
Category	Antibodies
Description	CK7 Rabbit Polyclonal Antibody
Target	KRT7
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Predicted Reactivity	Mouse, Rat
Form/Appearance	Liquid
Concentration	1mg/ml
Buffer/Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Purification	Affinity purified by Protein A
Immunogen	KLH conjugated synthetic peptide derived from the middle of human CK7 (251-350/469aa)
UniProt ID	P08729
RRID	AB_10746291

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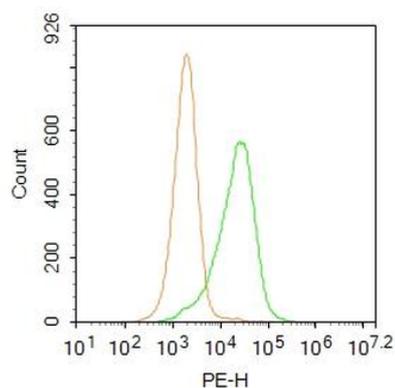
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MW	54 kDa
Tested applications	FC, IF, IHC-Fr, IHC-P, WB
Dilution range	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500, Flow-Cyt=0.2µg/Test
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Blank control: A549. Primary Antibody (green line): Rabbit Anti-CK7 antibody (orb10410), Dilution: 1 µg/10⁶ cells, Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody: Goat anti-rabbit IgG-PE, Dilution: 0.2 µg/Test. Protocol, The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 20% PBST for 20 min at room temperature. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20000 events was performed.

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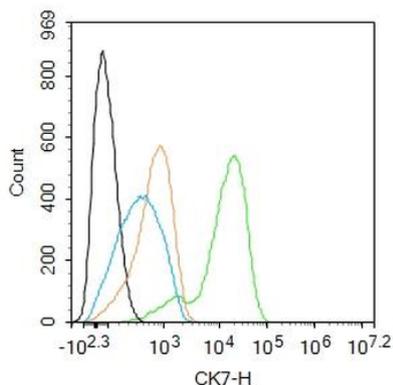
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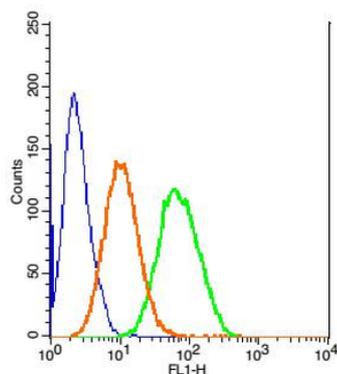
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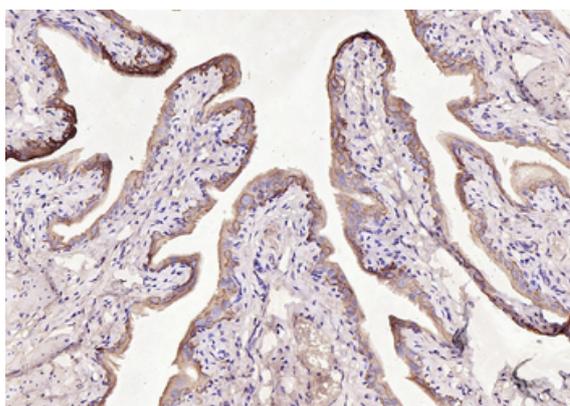
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Blank control: Hela. Primary Antibody (green line): Rabbit Anti-CK7 antibody (orb10410), Dilution: 1 ug/Test, Secondary Antibody: Goat anti-rabbit IgG-FITC, Dilution: 0.5 ug/Test. Protocol, The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20000 events was performed.



Blank control: Hepg2 (blue), Isotype Control Antibody: Rabbit IgG-FITC (orange), Primary Antibody Dilution: 1 µl in 100 µl 1X PBS containing 0.5% BSA (green).



Paraformaldehyde-fixed, paraffin embedded (Rat bladder), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (CK7) Polyclonal Antibody, Unconjugated (orb10410) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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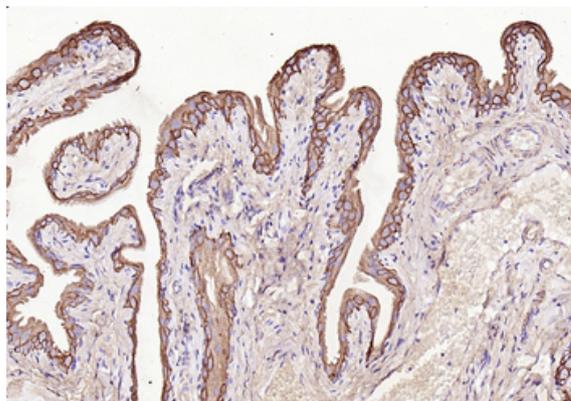
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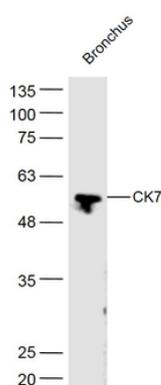
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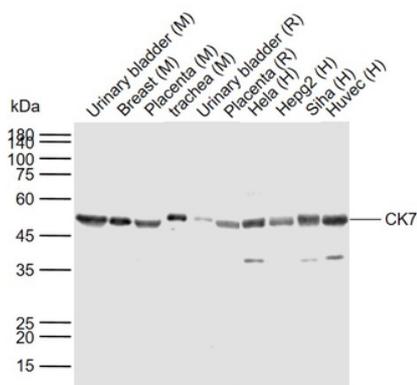
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Sample: Bronchus (Mouse) Lysate at 40 ug, Primary: Anti-CK7 (orb10410) at 1/300 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 54 kD, Observed band size: 54 kD.



Sample: Lane 1: Mouse Urinary bladder tissue lysates, Lane 2: Mouse Breast tissue lysates, Lane 3: Mouse Placenta tissue lysates, Lane 4: Mouse trachea tissue lysates, Lane 5: Rat Urinary bladder tissue lysates, Lane 6: Rat Placenta tissue lysates, Lane 7: Human HeLa cell lysates, Lane 8: Human Hepg2 cell lysates, Lane 9: Human Siha cell lysates, Lane 10: Human Huvec cell lysates, Primary: Anti-CK7 (orb10410) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 54 kDa, Observed band size: 54 kDa.

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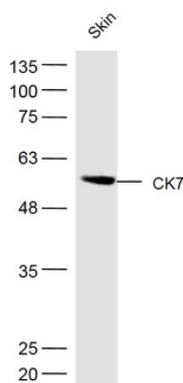
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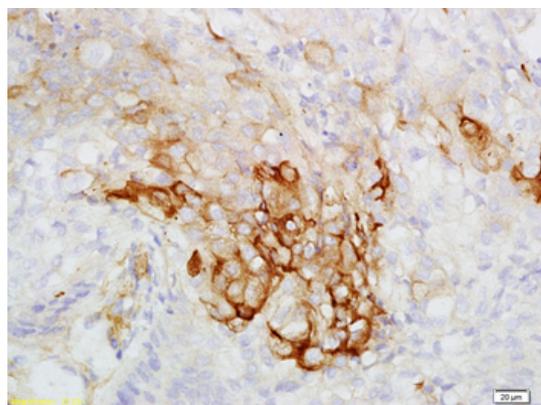
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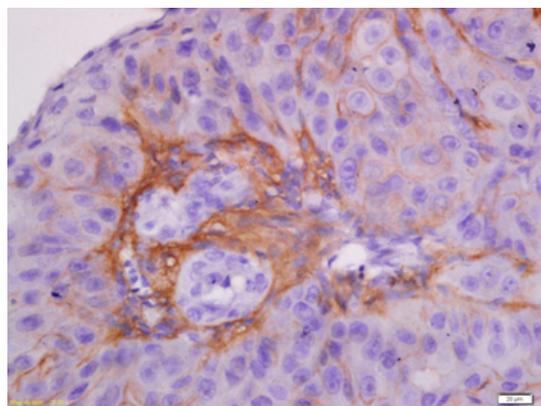
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Sample: Skin (Mouse) Lysate at 40 ug, Primary: Anti-CK7 (orb10410) at 1/300 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 54 kD, Observed band size: 54 kD.



Tissue/Cell: Human esophageal carcinoma, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-CK7 Polyclonal Antibody, Unconjugated (orb10410) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.



Tissue/Cell: human laryngocarcinoma, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-CK7 Polyclonal Antibody, Unconjugated (orb10410) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

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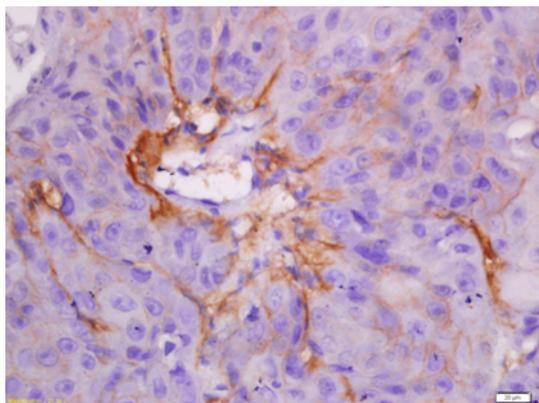
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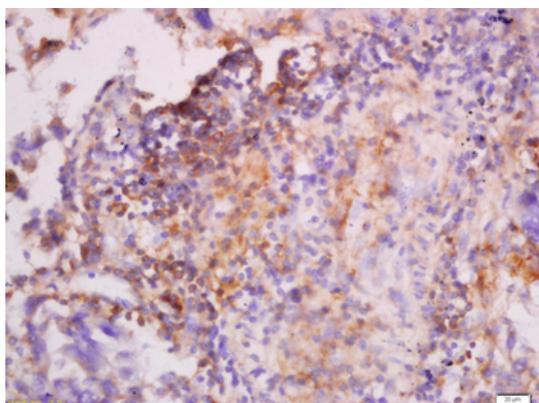
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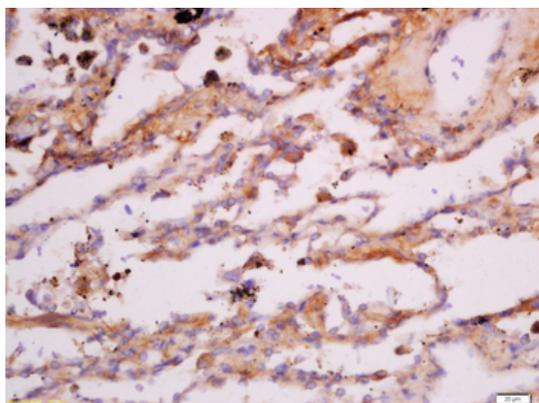
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Tissue/Cell: human lung carcinoma, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-CK7 Polyclonal Antibody, Unconjugated (orb10410) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.



Tissue/Cell: human lung carcinoma, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-CK7 Polyclonal Antibody, Unconjugated (orb10410) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

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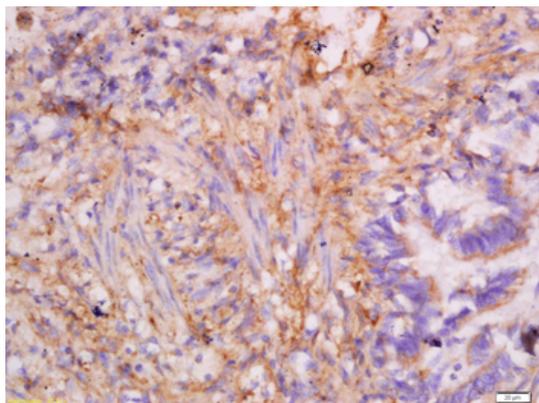
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