

## Product Datasheet

# CK20 Recombinant Rabbit Monoclonal Antibody (orb559077)

<b>Catalog Number</b>	orb559077
<b>Category</b>	Antibodies
<b>Description</b>	CK20 Recombinant Rabbit Monoclonal Antibody
<b>Target</b>	KRT20
<b>Clonality</b>	Recombinant
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Rat
<b>Predicted Reactivity</b>	Mouse
<b>Form/Appearance</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Buffer/Preservatives</b>	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
<b>Purification</b>	Affinity purified by Protein A
<b>Immunogen</b>	A synthesized peptide derived from human Cytokeratin 20 (400-424aa)
<b>UniProt ID</b>	<b>P35900</b>
<b>MW</b>	45 kDa

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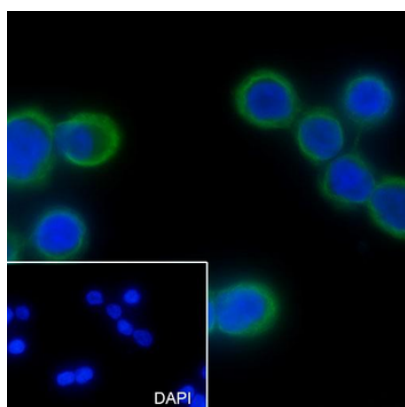
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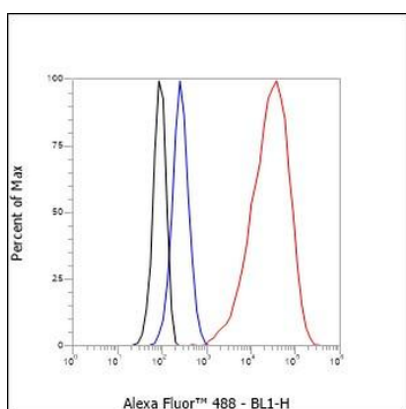
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<b>Tested applications</b>	FC, ICC, IF, IHC-Fr, IHC-P, WB
<b>Dilution range</b>	WB=1:1000-5000, IHC-P=1:200-1000, IHC-F=1:200-1000, ICC/IF=1:100-500, IF=1:200-1000, Flow-Cyt=1ug/Test
<b>Antibody Type</b>	Primary Antibody
<b>Clone Number</b>	B3H32
<b>Storage</b>	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.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



Cell line: HT-29, Fixative: 4% Paraformaldehyde, Permeabilization: 0.1% TritonX-100, Primary ab, dilution: 1:50, Primary incubation condition: 4°C overnight, Secondary ab: Goat Anti-Rabbit IgG, Nuclear counter stain: DAPI (Blue), Comment: Color green is the positive signal for orb559077.



Cell line: HT-29, Fixative: 4% Paraformaldehyde, Permeabilization: 90% methanol, Primary ab, dilution: 1:100, Secondary ab: Goat anti Rabbit IgG, Unlabelled control: The cell without incubation, with primary antibody and secondary antibody (Black line). Isotype control: Rabbit monoclonal IgG (Blue line). Comment: Line red is the positive signal for orb559077.

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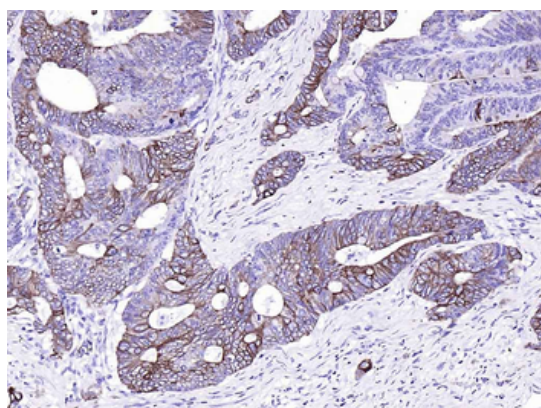
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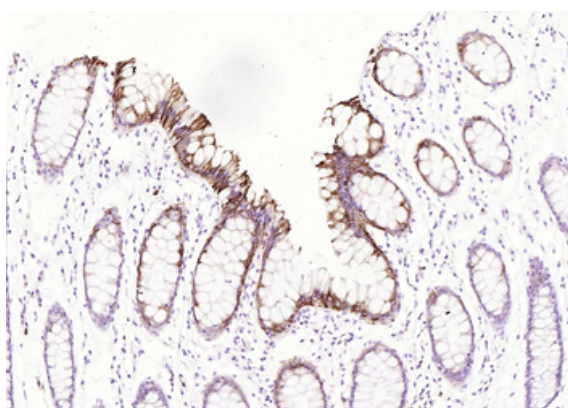
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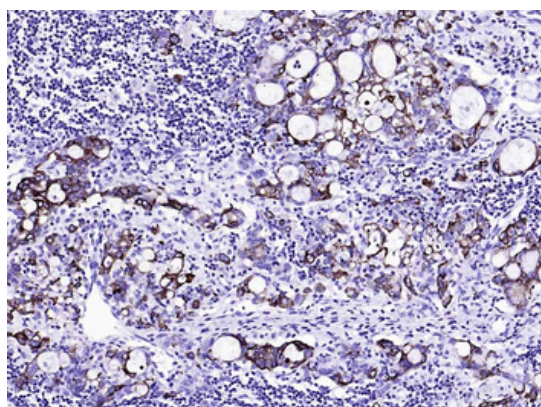
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Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (CK20) Monoclonal Antibody, Unconjugated (orb559077) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human colon), 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, Incubation with (CK20) Monoclonal Antibody, Unconjugated (orb559077) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human gastric carcinoma), 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 (CK20) Monoclonal Antibody, Unconjugated (orb559077) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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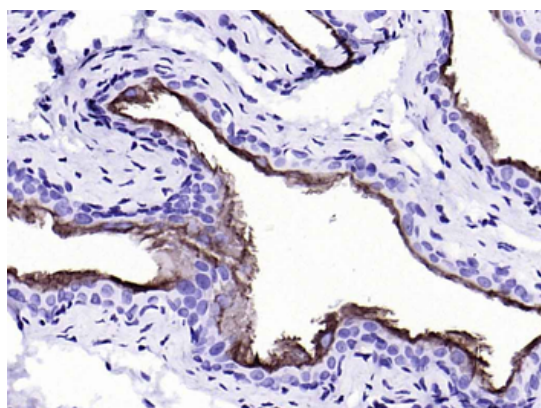
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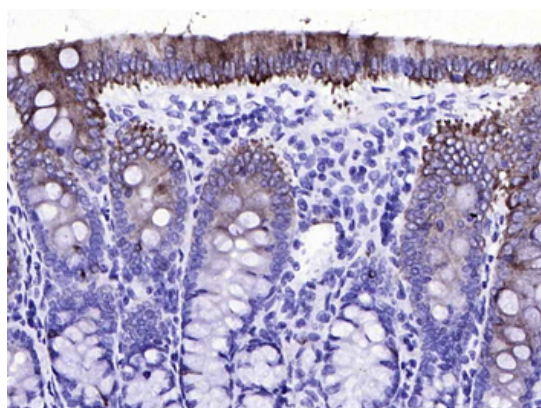
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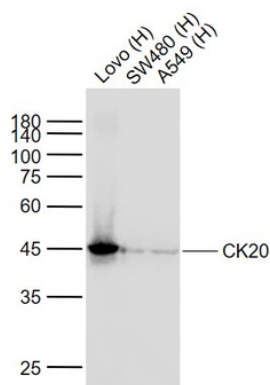
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Paraformaldehyde-fixed, paraffin embedded (Rat bladder), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (CK20) Monoclonal Antibody, Unconjugated (orb559077) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat colon), 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 (CK20) Monoclonal Antibody, Unconjugated (orb559077) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Sample: Lane 1: Lovo (Human) Cell Lysate at 30 ug, Lane 2: SW480 (Human) Cell Lysate at 30 ug, Lane 3: A549 (Human) Cell Lysate at 30 ug, Primary: Anti-CK20 (orb559077) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 50 kD, Observed band size: 45 kD.

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