

## Product Datasheet

# Phospho-Cytokeratin 8 (Ser431) Rabbit Polyclonal Antibody (orb156523)

<b>Catalog Number</b>	orb156523
<b>Category</b>	Antibodies
<b>Description</b>	Phospho-Cytokeratin 8 (Ser431) Rabbit Polyclonal Antibody
<b>Target</b>	KRT8
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse
<b>Predicted Reactivity</b>	Equine, Rat
<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>	KLH conjugated synthesised phosphopeptide derived from human CK8 around the phosphorylation site of Ser431 LT(p-S)PG
<b>UniProt ID</b>	<b>P05787</b>

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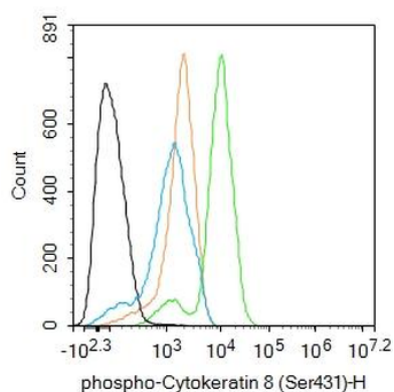
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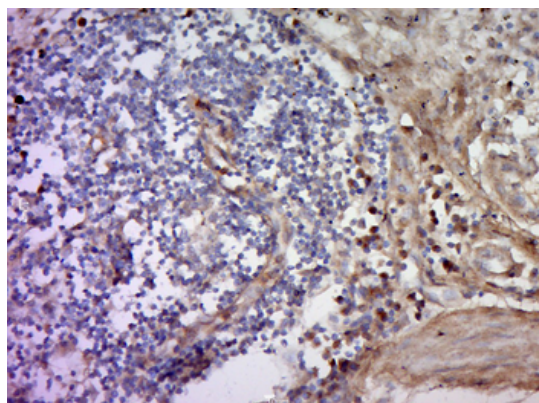
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<b>MW</b>	53 kDa
<b>Tested applications</b>	FC, IF, IHC-Fr, IHC-P, WB
<b>Dilution range</b>	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500, Flow-Cyt=1ug/Test
<b>Antibody Type</b>	Primary Antibody
<b>Storage</b>	Maintain refrigerated 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.



Blank control: MCF-7. Primary Antibody (green line): Rabbit Anti-phospho-Cytokeratin 8 (Ser431) antibody (orb156523), 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.



Paraformaldehyde-fixed, paraffin embedded (Human colon cancer), 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 (p-Cytokeratin 8 (Ser431)) Polyclonal Antibody, Unconjugated (orb156523) at 1:500 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.

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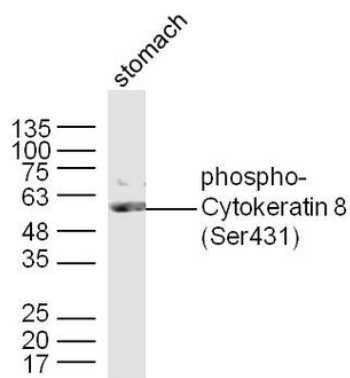
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Sample: Stomach (Mouse) Lysate at 40 ug, Primary: Anti-phospho-Cytokeratin 8 (Ser431) (orb156523) at 1/300 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 53 kD, Observed band size: 53 kD.

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