

## Product Datasheet

# Pan-Cytokeratin Rabbit Polyclonal Antibody (orb1294309)

<b>Catalog Number</b>	orb1294309
<b>Category</b>	Antibodies
<b>Description</b>	Rabbit polyclonal antibody to pan Cytokeratin
<b>Target</b>	Pan-Cytokeratin
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	Rabbit-IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse
<b>Buffer/Preservatives</b>	PBS (pH 7.4), 40% Glycerol. 0.025% ProClin 300 was added as a preservative
<b>Immunogen</b>	Detects endogenous levels of total keratin 5, 6, 7, 8, 14, 17, 18, 19 and 20. The antibody does not cross-react with other keratins.
<b>Tested applications</b>	FC, IF, IHC, WB
<b>Dilution range</b>	Western Blot 1:2000-1:5000, Immunofluorescence 1:400-1:800, Immunohistochemistry (Paraffin) 1:400-1:800, Flow Cytometry 1:300-1:500
<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.

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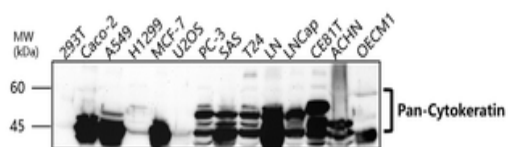
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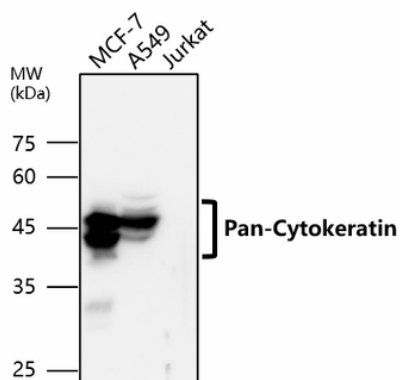
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**Note** For research use only

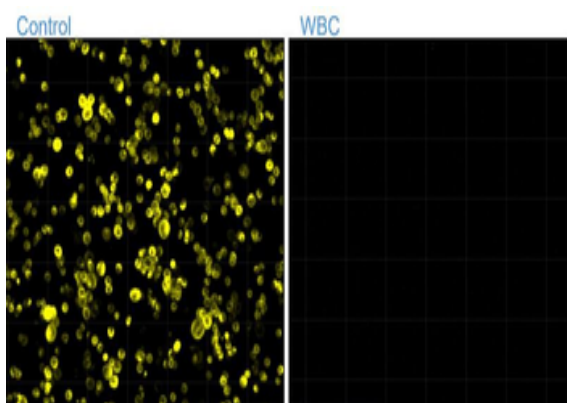
**Expiration Date** 12 months from date of receipt.



Anti-pan Cytokeratin antibody - at 1/3000 dilution, Lysates at 45 µg per lane, This blot was produced using a 10% SDS-PAGE. Nitrocellulose membrane was then blocked an hour before being incubated with orb1294309 overnight at 4°C.



Anti-pan Cytokeratin antibody - at 1/3000 dilution.



Application: Immunocytochemistry (ICC), Sample: CTC (Circulating Tumor Cell), Antibody: Pan-Cytokeratin antibody (orb1294309).

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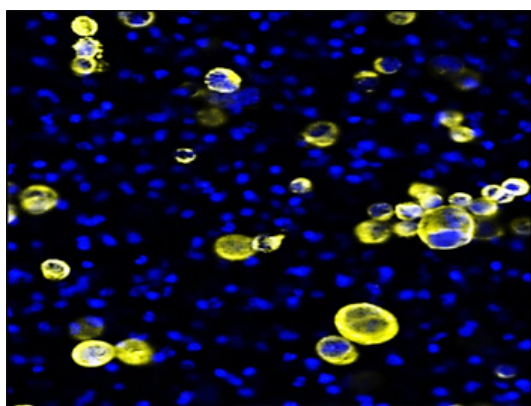
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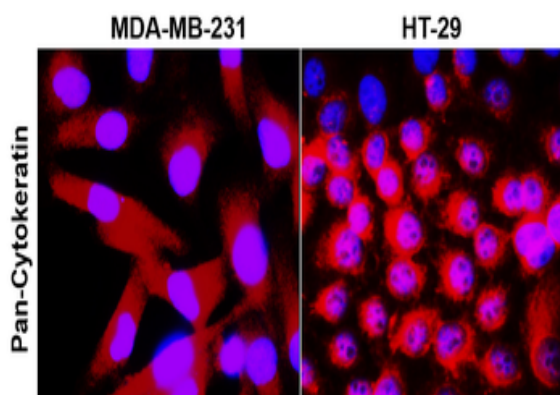
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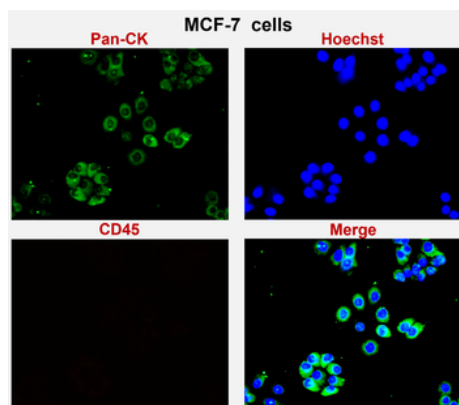
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Application: Immunocytochemistry (ICC), Sample: Mixture cell, Antibody: Pan-Cytokeratin antibody (orb1294309).



Cells were fixed with 4% PFA for 10 min at RT, permeabilized with 0.1% NP-40 for 10 min at RT then blocked with 5% BSA for 30 min at room temperature. Cells were stained with orb1294309 anti-pan Cytokeratin0 antibody (red) at 1:300 and 4°C.



Immunofluorescence: cells were fixed with 4% paraformaldehyde for 10 min at RT, permeabilized with 0.1% NP-40 for 10 min at RT then blocked with 5% BSA for 30 min at room temperature. Cells were stained with orb1294309 anti-pan Cytokeratin antibody (green) at 1:400 and 4°C. DAPI (blue) was used as the nuclear counter stain.

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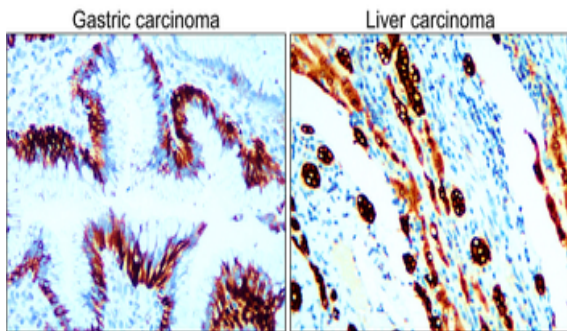
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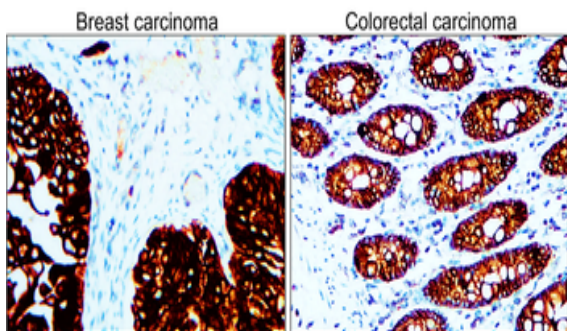
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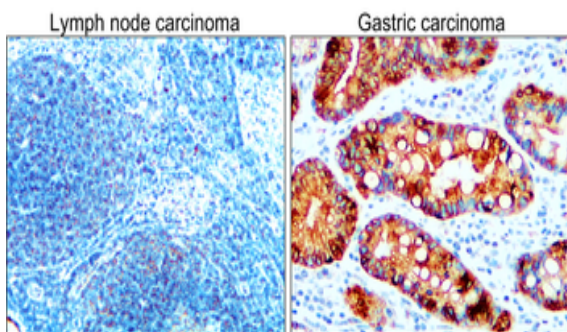
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Immunohistochemical analysis of paraffin embedded Human cancer tissue labeling pan Cytokeratin with orb1294309 at 1/400.



Immunohistochemical analysis of paraffin embedded Human cancer tissue labeling pan Cytokeratin with orb1294309 at 1/400.



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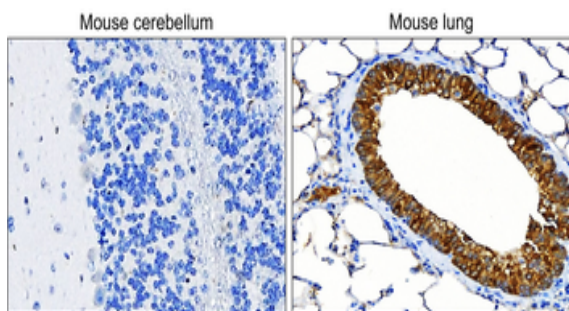
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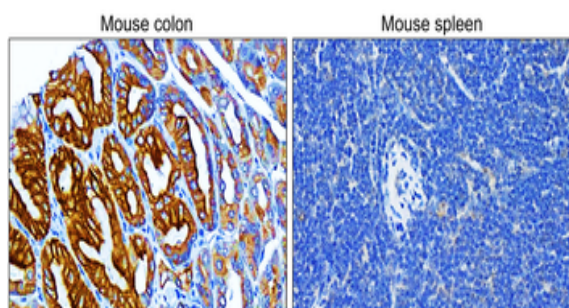
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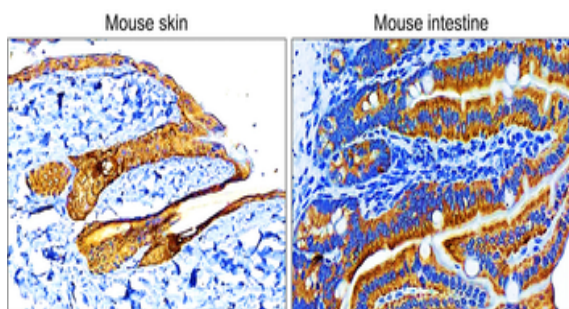
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Immunohistochemical analysis of paraffin embedded Mouse tissue labeling pan Cytokeratin with orb1294309 at 1/400.



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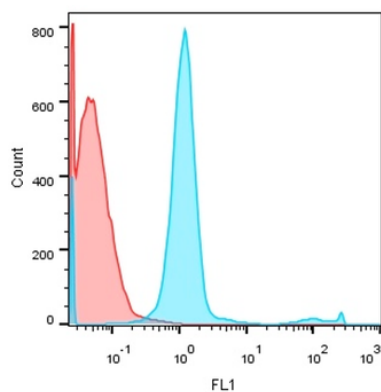
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pan Cytokeratin antibody, orb1294309, Cell: MCF-7, pan Cytokeratin (orb1294309): 1-350.

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