

## Product Datasheet

### Anti-Cytokeratin 7 Antibody (orb705437)

<b>Description</b>	Mouse monoclonal antibody to Cytokeratin 7
<b>Species/Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Tested Applications</b>	IH, WB
<b>Immunogen</b>	KLH-conjugated synthetic peptide encompassing a sequence within human Cytokeratin 7. The exact sequence is proprietary.
<b>Target</b>	KRT7
<b>Preservatives</b>	Mouse IgG2b. Liquid in PBS containing 50% glycerol, 0.2% rAlbumin and 0.01% sodium azide.
<b>Form/Appearance</b>	Mouse IgG2b. Liquid in PBS containing 50% glycerol, 0.2% rAlbumin and 0.01% sodium azide.
<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>Clonality</b>	Monoclonal
<b>Antibody Type</b>	Primary Antibody
<b>Source</b>	Mouse
<b>Uniprot ID</b>	<b>P08729</b>
<b>Entrez</b>	<b>3855</b>
<b>Dilution Range</b>	WB: 1:500-1:1000, IHC-P: 1:100-1:300

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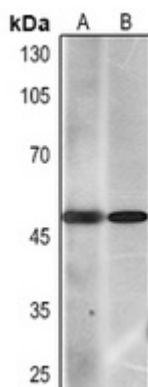
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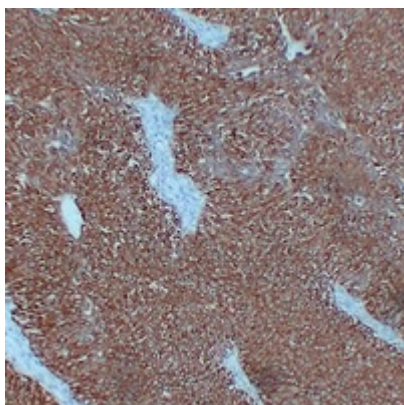
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**Expiration Date**

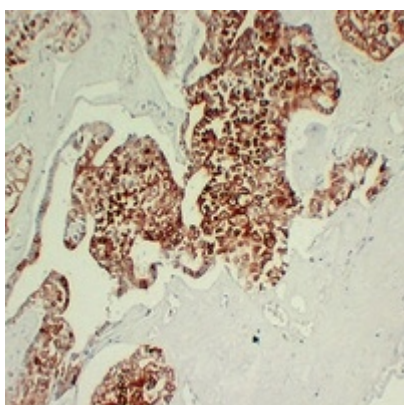
12 months from date of receipt.



Western blot analysis of Cytokeratin 7 expression in Hela (A), A549 (B) whole cell lysates. (Predicted band size: 51 kD; Observed band size: 51 kD)



Immunohistochemical analysis of Cytokeratin 7 staining in human bladder transitional cell carcinoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



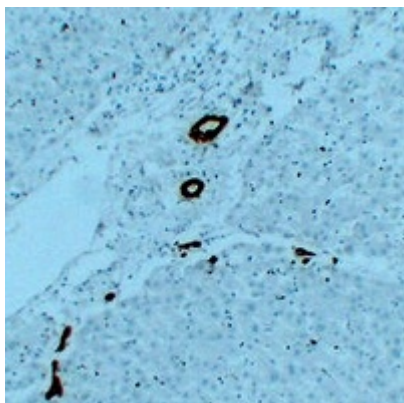
Immunohistochemical analysis of Cytokeratin 7 staining in human chromophobe cell renal carcinoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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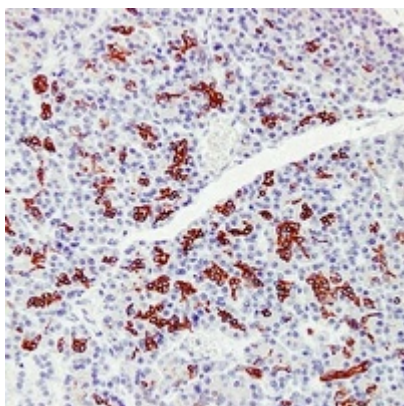
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Immunohistochemical analysis of Cytokeratin 7 staining in human liver formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunohistochemical analysis of Cytokeratin 7 staining in human pancreas formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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