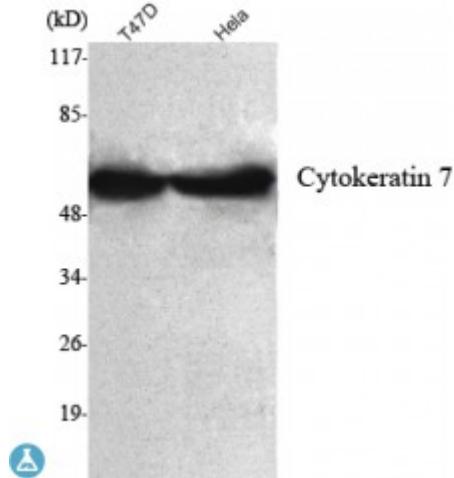


## Anti-Cytokeratin 7 antibody



<b>Description</b>	Mouse monoclonal to Cytokeratin 7.
--------------------	------------------------------------

<b>Model</b>	STJ98484
<b>Host</b>	Mouse
<b>Reactivity</b>	Canine, Human, Mouse, Rat
<b>Applications</b>	IF, WB
<b>Immunogen</b>	Purified recombinant human Cytokeratin 7 (C-terminal) protein fragments expressed in E.coli.
<b>Immunogen Region</b>	C-terminal
<b>Gene ID</b>	<a href="#">3855</a>
<b>Gene Symbol</b>	<a href="#">KRT7</a>
<b>Dilution range</b>	WB 1:1000-1:2000 IF 1:100-1:500
<b>Specificity</b>	Cytokeratin 7 Monoclonal Antibody detects endogenous levels of Cytokeratin 7 protein.
<b>Tissue Specificity</b>	Expressed in cultured epidermal, bronchial and mesothelial cells but absent in colon, ectocervix and liver. Observed throughout the glandular cells in the junction between stomach and esophagus but is absent in the esophagus.
<b>Purification</b>	Affinity purification
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	Keratin, type II cytoskeletal 7 Cytokeratin-7 CK-7 Keratin-7 K7 Sarcolectin Type-II keratin Kb7

<b>Clonality</b>	Monoclonal
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol.
<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:6445</a> <a href="#">OMIM:148059</a>
<b>Alternative Names</b>	Keratin, type II cytoskeletal 7 Cytokeratin-7 CK-7 Keratin-7 K7 Sarcolectin Type-II keratin Kb7
<b>Function</b>	Blocks interferon-dependent interphase and stimulates DNA synthesis in cells. Involved in the translational regulation of the human papillomavirus type 16 E7 mRNA (HPV16 E7).
<b>Cellular Localization</b>	Cytoplasm
<b>Post-translational Modifications</b>	Arg-20 is dimethylated, probably to asymmetric dimethylarginine.

---

**St John's Laboratory Ltd**

**F** +44 (0)207 681 2580  
**T** +44 (0)208 223 3081

**W** <http://www.stjohnslabs.com/>  
**E** [info@stjohnslabs.com](mailto:info@stjohnslabs.com)