

---

**Product Name: Cytokeratin 7(CK7) Mouse Monoclonal Antibody****Catalog #: AMM21971**

For research use only.

**Summary**

<b>Description</b>	Mouse Monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	IHC,ELISA
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG1,Kappa
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
<b>Purification</b>	The antibody was affinity-purified from ascites by affinity-chromatography using specific immunogen.

**Application**

<b>Dilution Ratio</b>	IHC 1:200-400;ELISA 1:500-5000
<b>Molecular Weight</b>	Calculated MW:51kDa,Observed MW:51kDa

**Antigen Information**

<b>Gene Name</b>	KRT7 SCL CK 7;CK-7;CK7;Cytokeratin 7;Cytokeratin-7;D15Wsu77e;K2C7;K2C7_HUMAN;K7;Keratin 7;Keratin 7, type II;Keratin type II cytoskeletal 7;Keratin, 55K type II cytoskeletal;Keratin, simple epithelial;Keratin, simple epithelial type I, K7;Keratin, type II cytoskeletal 7;Keratin-7;Krt2-7;KRT7;MGC11625;MGC129731;MGC3625;Sarcolectin;SCL;Type II mesothelial keratin K7;Type-II keratin Kb7
<b>Alternative Names</b>	
<b>Gene ID</b>	Human:3855
<b>SwissProt ID</b>	Human:P08729,Mouse:Q9DCV7,Rat:Q6IG12
<b>Immunogen</b>	Synthesized peptide derived from human Cytokeratin 7 AA range: 350-469

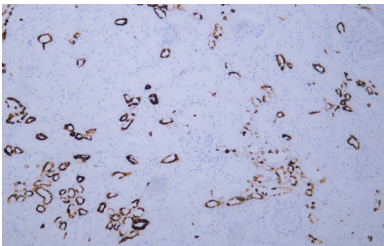
## Background

keratin 7(KRT7) Homo sapiens The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in the simple epithelia lining the cavities of the internal organs and in the gland ducts and blood vessels. The genes encoding the type II cytokeratins are clustered in a region of chromosome 12q12-q13. Alternative splicing may result in several transcript variants; however, not all variants have been fully described. [provided by RefSeq, Jul 2008],

## Research Area

Pathology

## Image Data



Human kidney tissue was stained with Anti-Cytokeratin 7 Antibody