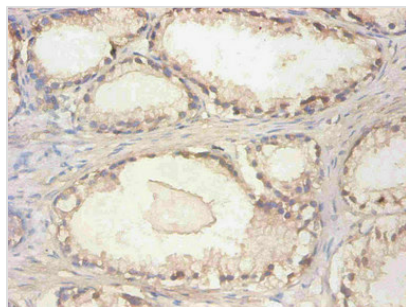


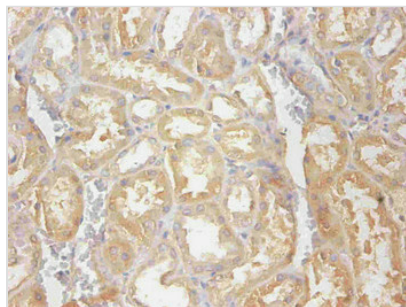


# CST3 Monoclonal Antibody

<b>Product Code</b>	CSB-MA061901A0m
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Immunogen</b>	Recombinant Human Cystatin C protein
<b>Raised In</b>	mouse
<b>Species Reactivity</b>	Human
<b>Specificity</b>	CSB-MA061961A0m is specific for Human Cystatin C denatured and native forms
<b>Tested Applications</b>	ELISA,IHC;Recommended dilution:IHC:1:50-1:500
<b>Relevance</b>	<p>Defects in CST3 are the cause of amyloidosis type 6 (AMYL6) [MIM:105150]; also known as hereditary cerebral hemorrhage with amyloidosis (HCHWA), cerebral amyloid angiopathy (CAA) or cerebroarterial amyloidosis Icelandic type. AMYL6 is a hereditary generalized amyloidosis due to cystatin C amyloid deposition. Cystatin C amyloid accumulates in the walls of arteries, arterioles, and sometimes capillaries and veins of the brain, and in various organs including lymphoid tissue, spleen, salivary glands, and seminal vesicles. Amyloid deposition in the cerebral vessels results in cerebral amyloid angiopathy, cerebral hemorrhage and premature stroke. Cystatin C levels in the cerebrospinal fluid are abnormally low. Genetic variations in CST3 are associated with age-related macular degeneration type 11 (ARMD11) [MIM:611953]. ARMD is a multifactorial eye disease and the most common cause of irreversible vision loss in the developed world. In most patients, the disease is manifest as ophthalmoscopically visible yellowish accumulations of protein and lipid that lie beneath the retinal pigment epithelium and within an elastin-containing structure known as Bruch membrane.</p>
<b>Form</b>	liquid
<b>Conjugate</b>	Non-conjugated
<b>Storage Buffer</b>	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
<b>Purification Method</b>	>95%,Protein G purified
<b>Isotype</b>	IgG2b
<b>Clonality</b>	monoclonal
<b>Alias</b>	CysC,Cystatin-3,Gamma-trace,Neuroendocrine basic polypeptide,Post-gamma-globulin
<b>Product Type</b>	Monoclonal Antibody
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Clone No.</b>	3A1B7
<b>Image</b>	



Immunohistochemical of paraffin-embedded human prostate tissue using CSB-MA061901A0m at dilution of 1:200



Immunohistochemical of paraffin-embedded human kidney tissue using CSB-MA061901A0m at dilution of 1:200

## Usage

For Research Use Only. Not for use in diagnostic or therapeutic procedures.