



# Anti-CST5 monoclonal antibody (DCABH-11151)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	The cystatin superfamily encompasses proteins that contain multiple cystatin-like sequences. Some of the members are active cysteine protease inhibitors, while others have lost or perhaps never acquired this inhibitory activity. There are three inhibitory families in the superfamily, including the type 1 cystatins (stefins), type 2 cystatins and the kininogens. The type 2 cystatin proteins are a class of cysteine proteinase inhibitors found in a variety of human fluids and secretions. The cystatin locus on chromosome 20 contains the majority of the type 2 cystatin genes and pseudogenes. This gene is located in the cystatin locus and encodes a protein found in saliva and tears. The encoded protein may play a protective role against proteinases present in the oral cavity.
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<b>Immunogen</b>	A synthetic peptide of human CST5 is used for rabbit immunization.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Western Blot (Transfected lysate); ELISA
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

# GENE INFORMATION

Gene Name	<a href="#">CST5 cystatin D [ Homo sapiens ]</a>
Official Symbol	CST5
Synonyms	CST5; cystatin D; cystatin-D; cystatin 5; cystatin-5; cysteine-proteinase inhibitor; MGC71922;
Entrez Gene ID	<a href="#">1473</a>
Protein Refseq	<a href="#">NP_001891</a>
UniProt ID	<a href="#">P28325</a>
Chromosome Location	20p11.21
Pathway	Endochondral Ossification, organism-specific biosystem; Salivary secretion, organism-specific biosystem; Salivary secretion, conserved biosystem.
Function	cysteine-type endopeptidase inhibitor activity; peptidase inhibitor activity; protein binding;