



# Anti-CST7 monoclonal antibody (DCABH-11152)

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

## PRODUCT INFORMATION

### Antigen Description

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. This gene encodes a glycosylated cysteine protease inhibitor with a putative role in immune regulation through inhibition of a unique target in the hematopoietic system. Expression of the protein has been observed in various human cancer cell lines established from malignant tumors.

<b>Immunogen</b>	A synthetic peptide of human CST7 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="#">CST7 cystatin F (leukocystatin) [ Homo sapiens ]</a>
Official Symbol	CST7
Synonyms	CST7; cystatin F (leukocystatin); cystatin-F; cystatin-7; leukocystatin; cystatin-like metastasis-associated protein; CMAP;
Entrez Gene ID	<a href="#">8530</a>
Protein Refseq	<a href="#">NP_003641</a>
UniProt ID	<a href="#">O76096</a>
Chromosome Location	20p11.21
Function	cysteine-type endopeptidase inhibitor activity; endopeptidase inhibitor activity;