



# Mouse anti-Human KLK10 monoclonal antibody, clone 2H9 (CABT-B10532)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	KLK10 (NP_002767, 167 a.a. ~ 277 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	2H9
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB,IF,sELISA,ELISA
<b>Sequence Similarities</b>	DQCQVAGWGTTAARRVKYNKGLTCSSITILSPKECEVFYPGVVTNNMICAGLDRGQDPCQ SDSGGPLVCDETLQGILSWGVPYPCGSAQHPAVYTQICKYMSWINKVIRSN*
<b>Format</b>	Liquid
<b>Size</b>	50 µg
<b>Buffer</b>	In 1x PBS, pH 7.2
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## BACKGROUND

<b>Introduction</b>	Kallikreins are a subgroup of serine proteases having diverse physiological functions. Growing evidence suggests that many kallikreins are implicated in carcinogenesis and some have
---------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

potential as novel cancer and other disease biomarkers. This gene is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. Its encoded protein is secreted and may play a role in suppression of tumorigenesis in breast and prostate cancers. Alternate splicing of this gene results in multiple transcript variants encoding the same protein. [provided by RefSeq, Jul 2008]

<b>Keywords</b>	KLK10; kallikrein-related peptidase 10; NES1; PRSSL1; kallikrein-10; protease serine-like 1; kallikrein 10 protein 1; kallikrein 10 protein 2; kallikrein 10 protein 3; kallikrein 10 protein 4; kallikrein 10 protein 7; kallikrein 10 protein 8; kallikrein 10 protein 9; kallikrein 10 protein 12; protease, serine-like, 1; normal epithelial cell-specific 1; breast normal epithelial cell associated serine protease;
-----------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

## GENE INFORMATION

<b>Entrez Gene ID</b>	<a href="#">5655</a>
<b>UniProt ID</b>	<a href="#">O43240</a>
<b>Function</b>	peptidase activity; serine-type endopeptidase activity; serine-type peptidase activity