



Mouse anti-Human KLK4 monoclonal antibody, clone 3B5 (CABT-B10533)

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

PRODUCT INFORMATION

Immunogen	KLK4 (NP_004908, 159 a.a. ~ 255 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	3B5
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	GRMPTVLQCVNVSVVSEEVCSKLYDPLYHPSMFCAGGGQDQKDSCNGDSGGPLICNGYLQ GLVSFGKAPCGQVGVPGVYTNLCKFTEWIEKTVQAS*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	Kallikreins are a subgroup of serine proteases having diverse physiological functions. Growing evidence suggests that many kallikreins are implicated in carcinogenesis and some have
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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. In some tissues its expression is hormonally regulated. The expression pattern of a similar mouse protein in murine developing teeth supports a role for the protein in the degradation of enamel proteins. Several transcript variants encoding different proteins have been found for this gene. [provided by RefSeq, Dec 2014]

Keywords

KLK4; kallikrein-related peptidase 4; ARM1; EMSP; PSTS; AI2A1; EMSP1; KLK-L1; PRSS17; kallikrein; kallikrein-4; prostase; serine protease 17; kallikrein-like protein 1; androgen-regulated message 1; enamel matrix serine protease 1; enamel matrix serine proteinase 1;

GENE INFORMATION

Entrez Gene ID

[9622](#)

UniProt ID

[Q9Y5K2](#)

Function

catalytic activity; metal ion binding; peptidase activity; serine-type endopeptidase activity; serine-type peptidase activity
