



Mouse Anti-Human Kallikrein 13 monoclonal antibody, clone NN17 (CABT-ZB585)

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

PRODUCT INFORMATION

Specificity	It reacts with Human Kallikrein 13
Target	KLK13
Immunogen	Recombinant Human KLK13/Kallikrein 13 Protein
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human
Clone	NN17
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA(cap) This antibody will detect Kallikrein 13 in antibody pair set. [ABPR-ZB162]
Preparation	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human KLK13 / Kallikrein 13. The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Format	Purified, Liquid
Concentration	Lot specific
Size	50 µL, 100 µL, 200 µL, 1 mL

Buffer	PBS
Preservative	None
Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction Tissue kallikrein 13 (hK13), also known as KLK-L4 (kallikrein-like gene 4), is a member of the human tissue kallikrein family of serine proteases having diverse physiological functions in many tissues. The KLK13 gene resides on chromosome 19q13.3-4 along with other 14 members in a gene cluster and shares a high degree of homology. KLK13 is a trypsin-like, secreted serine protease expressed specifically in the testicular tissue including prostate, salivary gland, breast, and testis. Growing evidence suggests that many kallikreins are implicated in carcinogenesis and may play a role in metastasis. KLK13 may be involved in the pathogenesis and/or progression of breast and ovary cancers and is regarded as a novel cancer biomarker. Besides, KLK13 interacts and forms complexes with several serum protease inhibitors, such as alpha2-macroglobulin, and its expression is regulated by steroid hormones.

Keywords KLK13; kallikrein-related peptidase 13; KLKL4; KLK-L4

GENE INFORMATION

Synonyms	KLK13; kallikrein-related peptidase 13; KLKL4; KLK-L4; kallikrein-13; kallikrein 13; kallikrein-like gene 4; kallikrein-like protein 4
Entrez Gene ID	26085
UniProt ID	Q9UKR3