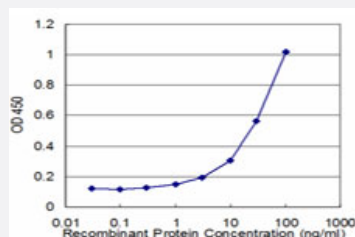


KLK10 monoclonal antibody (M02), clone 1B9

Catalog # H00005655-M02

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged KLK10 is approximately 1ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant KLK10.
Immunogen	KLK10 (NP_002767, 167 a.a. ~ 276 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	DQCQVAGWGTTAARRVKYNKGLTCSSITLSPKECEVFYPGVVTNNMICAGLDRGQDPCQSDSG GPLVCDETLQGILSWGVPYPCGSAQHPAVYTQICKYMSWINKVIRSN
Host	Mouse
Reactivity	Human
Isotype	IgG1 Lambda

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (37.84 KDa) .

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged KLK10 is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — KLK10

Entrez GeneID

[5655](#)

GeneBank Accession#

[NM_002776](#)

Protein Accession#

[NP_002767](#)

Gene Name

KLK10

Gene Alias

NES1, PRSSL1

Gene Description

kallikrein-related peptidase 10

Omim ID

[602673](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

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]

Other Designations

breast normal epithelial cell associated serine protease|kallikrein 10|normal epithelial cell-specific 1|protease, serine-like, 1

Disease

- [Adenocarcinoma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cystadenocarcinoma](#)
- [Endometrial Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Testicular Neoplasms](#)