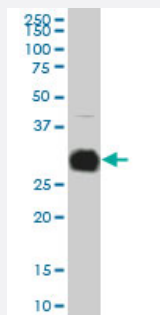


KLK10 monoclonal antibody (M01), clone 1G8

Catalog # H00005655-M01

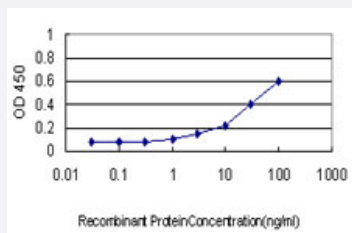
Size 100 ug

Applications



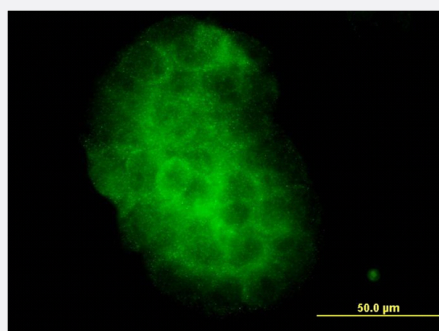
Western Blot (Cell lysate)

KLK10 monoclonal antibody (M01), clone 1G8 Western Blot analysis of KLK10 expression in A-431(Cat # L015V1).



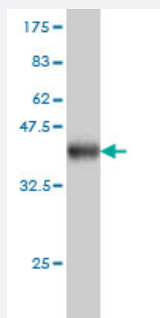
Sandwich ELISA (Recombinant protein)

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



Immunofluorescence

Immunofluorescence of monoclonal antibody to KLK10 on A-431 cell. [antibody concentration 10 ug/ml]



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	DQCQVAGWGTTAARRVKYNKGLTCSSITILSPKECEVFYPGVVTNNMICAGLDRGQDPCQSDSG 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 (Cell lysate)

KLK10 monoclonal antibody (M01), clone 1G8 Western Blot analysis of KLK10 expression in A-431(Cat # L015V1).

[Protocol Download](#)

- 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

- Immunofluorescence

Immunofluorescence of monoclonal antibody to KLK10 on A-431 cell. [antibody concentration 10 ug/ml]

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

Publication Reference

- [Kallikreins Stepwise Scoring Reveals Three Subtypes of Papillary Thyroid Cancer with Prognostic Implications.](#)

Buj R, Mallona I, Díez-Villanueva A, Zafón C, Mate JL, Roca M, Puig-Domingo M, Reverter JL, Mauricio D, Peinado MA, Jordà M.

Thyroid 2018 May; 28(5):601.

Application: IHC-P, Human, Thyroid

Disease

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