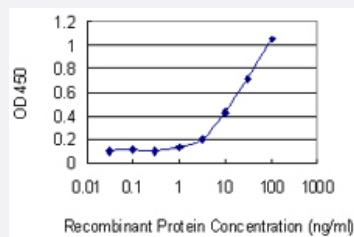


KLK1 monoclonal antibody (M01), clone 3G2

Catalog # H00003816-M01

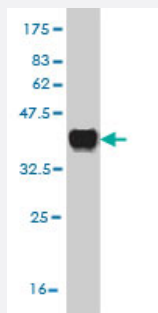
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged KLK1 is 0.3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.08 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant KLK1.

Immunogen

KLK1 (AAH05313, 168 a.a. ~ 262 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

FPDDLQCVDLKILPNDECKKVHVQKVTDFMLCVGHLEGGKDTCVGDSGGPLMCDGVLQGVTS
WGYVPCGTPNKPSVAVRVLSYVKWIEDTIAENS

Host

Mouse

Reactivity

Human

Isotype

IgG2a Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (36.08 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 KLK1 is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — KLK1

Entrez GeneID

[3816](#)

GeneBank Accession#

[BC005313](#)

Protein Accession#

[AAH05313](#)

Gene Name

KLK1

Gene Alias

KLKR, Klk6, hK1

Gene Description

kallikrein 1

Omim ID

[147910](#)

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. This protein is functionally conserved in its capacity to release the vasoactive peptide, Lys-bradykinin, from low molecular weight kininogen. [provided by RefSeq]

Other Designations

glandular kallikrein 1|kallikrein 1, renal/pancreas/salivary|kallikrein serine protease 1|tissue kallikrein

Disease

- [Alzheimer disease](#)
- [Birth Weight](#)
- [Cardiovascular Diseases](#)
- [Cerebral Hemorrhage](#)
- [Coronary Artery Disease](#)
- [Dementia](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Hypertension](#)
- [Hypertrophy](#)
- [Intracranial Aneurysm](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Lupus Nephritis](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Prostatic Neoplasms](#)
- [Vesico-Ureteral Reflux](#)