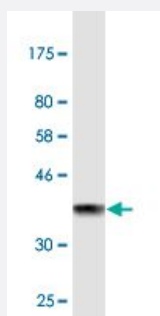


KLK1 monoclonal antibody (M02), clone 3D1

Catalog # H00003816-M02

Size 100 ug

Applications



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	FPDDLQCVDLKILPNDECKKVHVQKVTDFMLCVGHLEGGKDTCTVGDSGGPLMCDGVLQGVTS WGYVPCGTPNKPSVAVRVL SYVKWIEDTIAENS
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](#)

- 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](#)
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