

KLK2 monoclonal antibody

Catalog: MB23280

Host: Mouse

Reactivity: Human

BackGround:

<p>

This gene encodes a member of the grandular kallikrein protein family. Kallikreins are a subgroup of serine proteases that are clustered on chromosome 19. Members of this family are involved in a diverse array of biological functions. The protein encoded by this gene is a highly active trypsin-like serine protease that selectively cleaves at arginine residues. This protein is primarily expressed in prostatic tissue and is responsible for cleaving pro-prostate-specific antigen into its enzymatically active form. This gene is highly expressed in prostate tumor cells and may be a prognostic maker for prostate cancer risk. Alternate splicing results in both coding and non-coding transcript variants.

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Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

28.6kDa

Swiss-Prot:

P20151

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immuno-gen and the purity is > 95% (by SDS-PAGE).

Applications:

IHC:1/200 - 1/1000 FC:1/200 - 1/400

Storage&Stability:

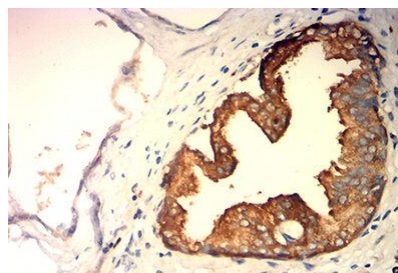
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

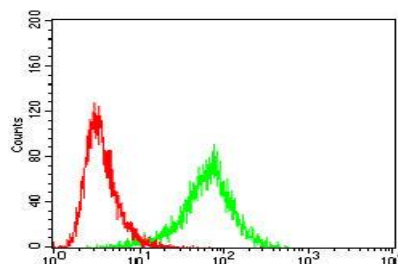
Isotype:

Mouse IgG1

DATA:



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissues using KLK2 mouse mAb with DAB staining.



Flow cytometric analysis of K562 cells using KLK2 mouse mAb (green) and negative control (red).

Note:

For research use only, not for use in diagnostic procedure.

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