

Product Information

Anti-Kallikrein L2 (KLK-L2, KLK5)

Produced in rabbit, Affinity Isolated Antibody

Product Number **K 2639**

Product Description

Anti-Kallikrein L2 (KLK-L2, KLK5) is produced in rabbit using as immunogen a peptide corresponding to the human kallikrein L2 protein (amino acids 280-293). The antibody is affinity-purified using the immunizing peptide immobilized on agarose.

Anti-Kallikrein L2 (KLK-L2, KLK5) reacts with amino acid residues 280-293 (KFTKWIQETIQANS) of human Kallikrein L2 (KLK-L2, KLK5). The antibody may be used in immunoblotting (~32 kDa, calculated).

Kallikreins are a subgroup of serine proteases and are implicated in carcinogenesis. The novel KLK gene, KLK-L2 (also known as KLK5), is expressed in breast, brain, and testis. It is up-regulated by estrogens and progestins.

Reagent

The antibody is supplied as a solution of ~1 mg/mL in phosphate buffered saline containing 0.02% sodium azide.

Precautions and Disclaimer

Due to the sodium azide content a material safety sheet (MSDS) for this product has been sent to the attention of the safety officer of your institution. Consult the MSDS for information regarding hazardous and safe handling practices.

Storage/Stability

Store at -20 °C. The product may be stored at 2-8 °C for up to three months. For prolonged storage, freeze in working aliquots at -20 °C. Avoid repeated freezing and thawing. Do not store in a "frost-free" freezer.

Product Profile

For immunoblotting, a working antibody dilution of 1:500-1:1,000 is recommended.

Note: In order to obtain the best results in various techniques and preparations, we recommend determining optimal working dilutions by titration.

References

1. Yousef, G.M., and Diamandis, E.P., *J. Biol. Chem.*, **274**, 37511-37516 (1999).

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