



# **Kallikrein 5 (KLK5, Stratum Corneum Tryptic Enzyme, SCTE, EC 3.4.21.-, HK5, Kallikrein-like Protein 2, KLK-L2, KLKL2, Kallikrein-related Peptidase 5)**

## **Catalog number**

K0005-08D

## **Supplier**

United States Biological

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

## **Cellular Localization**

Secreted.

## **Applications**

Suitable for use in Western Blot. Other applications not tested.

## **Recommended Dilution**

Optimal dilutions to be determined by the researcher.

## **Storage and Stability**

May be stored at 4°C for short-term only. For long-term storage and to avoid repeated freezing and thawing, aliquot Store at -20°C. Aliquots are stable for at least 12 months at -20°C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.

## **Immunogen**

Residues 280-293 [KFTKWIQETIQANS] of the human KLK-L2 protein.

## **Formulation**

Supplied as a liquid in PBS, pH 7.2.

## **Purity**

Purified by immunoaffinity chromatography.

## **Specificity**

Species Crossreactivity: Human. Other species have not been tested.

## **Product Type**

Pab

## **Source**

human

**Isotype**

IgG

**Grade**

Affinity Purified

**Applications**

WB

**Crossreactivity**

Hu

**Storage**

-20°C

**Reference**

1. Yousef, G.M. and Diamandis E.P. The New Kallikrein-like Gene, KLK-L2: Molecular characterization, mapping, tissue expression, and hormonal regulation. J. Biol. Chem. 274(53): 37511-37516 (1999).