

Rabbit Anti-KLK2/Cy5 Conjugated antibody

SL5868R-Cy5

Product Name	Anti-KLK2/Cy5
Chinese Name	Cy5 标记的激肽释放酶 2 抗体
Alias	Kallikrein 2; hK2; KLK2A 2; KLK2A2; Tissue kallikrein 2; Glandular kallikrein 2; hGK 1; hK2; Kallikrein 2 prostatic; KLK 2; KLK2A 2; KLK2A2; Tissue kallikrein 2.
Research Area	Tumour Cell biology immunology Signal transduction Cell adhesion molecule
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted:Human,Mouse,Rat) IF=1:100-500
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	29kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human KLK2
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Storage	
Product Detail	background: Kallikreins (KLKs) are a subgroup of trypsin-like serine proteases and are implicated in carcinogenesis. Kallikrein 2 is most closely related to Kallikrein 3 (PSA), with 78% identity and with kallikrein 1, at 68% identity. Like Kallikrein 3, Kallikrein 2 is found in greatest abundance in the prostate, but at much lower levels than Kallikrein 3. In addition, Kallikrein 2 seems to be more labile than Kallikrein 1 or Kallikrein 3 and is often found in a cleaved

form. Kallikrein 2 is inhibited by Protein C Inhibitor (PCI).

Similarity:

Belongs to the peptidase S1 family. Kallikrein subfamily. Contains 1 peptidase S1 domain.

Database links:

[Entrez Gene: 3817](#) Human

[Entrez Gene: 690645](#) Rat

[Omim: 147960](#) Human

[SwissProt: P20151](#) Human

[SwissProt: P00759](#) Rat

[Unigene: 515560](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Extracellular matrix 蛋白