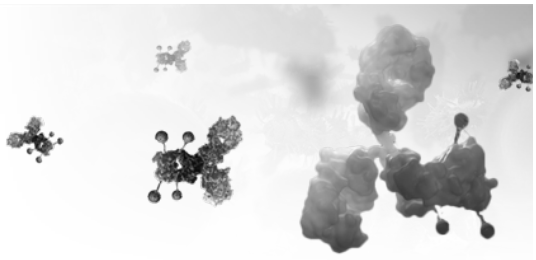

Mouse Anti-Human KLK5 monoclonal antibody, clone 204429 (CABT-L1941)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Detects human Kallikrein 5 in direct ELISAs and Western blots. In Western blots, no cross-reactivity with recombinant human (rh) Kallikrein 3, rhKallikrein 4, rhKallikrein 8, or rhKallikrein 11 is observed.
Target	Human KLK5
Immunogen	Mouse myeloma cell line NS0-derived recombinant human Kallikrein 5, Ile67-Ser293
Isotype	IgG2B
Source/Host	Mouse
Species Reactivity	Human
Clone	204429
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	Unconjugated
Applications	ELISA, WB, IP
Format	Lyophilized
Size	500 µg
Buffer	PBS with Trehalose
Preservative	None
Storage	Store at -20°C. Avoid freeze / thaw cycles.

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BACKGROUND

Introduction	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. Its expression is up-regulated by estrogens and progestins. The encoded protein is secreted and may be involved in desquamation in the epidermis. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq, Jul 2008]
Keywords	KLK5; kallikrein-related peptidase 5; SCTE; KLKL2; KLK-L2; kallikrein-5; kallikrein 5; kallikrein-like protein 2; stratum corneum tryptic enzyme;

GENE INFORMATION

Gene Name	KLK5 kallikrein-related peptidase 5 [Homo sapiens (human)]
Official Symbol	KLK5
Synonyms	KLK5; kallikrein-related peptidase 5; SCTE; KLKL2; KLK-L2; kallikrein-5; kallikrein 5; kallikrein-like protein 2; stratum corneum tryptic enzyme;
Entrez Gene ID	25818
UniProt ID	A0A024R4G4
Chromosome Location	19q13.33
Function	peptidase activity; protein binding; serine-type endopeptidase activity; serine-type peptidase activity;

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