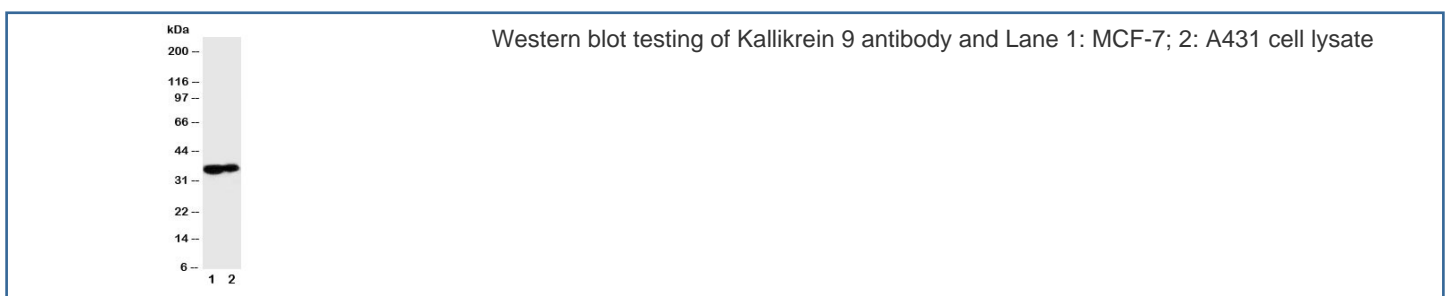


Kallikrein 9 Antibody (R30918)

Catalog No.	Formulation	Size
R30918	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	Q9UKQ9
Applications	Western Blot : 0.5-1ug/ml
Limitations	This Kallikrein 9 antibody is available for research use only.



Description

Kallikrein-related peptidase 9, also known as KLK9 or KLK-L3, belongs to the kallikrein subgroup of serine proteases, which have diverse physiologic functions in many tissues. The KLK9 gene contains 5 coding exons and is mapped to 19q13.41. The gene is regulated by steroid hormones in a human breast cancer cell line. Yousef et al.(2001) performed a quantitative analysis of KLK9 expression in ovarian cancer. The results indicated that KLK9 is under steroid hormone regulation in ovarian and breast cancer cell lines. KLK9 is a potential independent favorable prognostic marker for early-stage, low-grade, optimally debulked ovarian cancer patients.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the Kallikrein 9 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the C-terminus of human Kallikrein 9 (SVCHYLDWIQEIMEN) was used as the immunogen for this Kallikrein 9 antibody.

Storage

After reconstitution, the Kallikrein 9 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.