

Anti-Kallikrein 11/KLK11 Antibody (9J780)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	9J780
Purification:	Protein A

Applications

Verified Activity:	<p>1. Anti-KLK11 rabbit monoclonal antibody at 1:500 dilution.</p> <ul style="list-style-type: none">-Lane A: A549 Whole Cell lysate.-Lysates/proteins at 30 µg per lane.-Secondary-Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.-Developed using the Odyssey technique.-Performed under reducing conditions.-Predicted band size:31 kDa.-Observed band size:42 kDa. <p>2. KLK11 was immunoprecipitated using:</p> <ul style="list-style-type: none">-Lane A:0.5 mg Hela Whole Cell Lysate.-1 µL anti-KLK11 rabbit monoclonal antibody and 15 µL of 50 % Protein G agarose.-Primary antibody:-Anti-KLK11 rabbit monoclonal antibody, at 1:500 dilution.-Secondary antibody:-Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution.-Developed using the odyssey technique.-Performed under reducing conditions.-Predicted band size: 31 kDa.-Observed band size: 49 kDa
Application:	ELISA,IP,WB
Recommended	WB: 1:500-1:1000; ELISA: 1:25000-1:50000; IP: 0.2-1 µL/mg of lysate

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein: Human KLK-11 protein (TMPY-01105)

Antigen Species: Human

Synonyms: kallikrein-related peptidase 11;TLSP;Prss20;2310015I08Rik

Research Background

kallikrein-related peptidase 11 (KLK11), also known as hippostasin, trypsin-like serine protease, and PRSS2, is a member of the human tissue kallikrein family. It is a subgroup of serine proteases with diverse physiological functions, which are implicated in carcinogenesis and some with potential that serving as novel biomarkers for ovarian and prostate cancer and other diseases. The KLK11 gene is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. Two alternatively spliced forms exist, resulting in 25 (isoform 1) and 282 (isoform 2) amino acid sequences. Isoform 2 is identical to isoform 1, except for an inserted 32 amino acid segment. Isoform 1 is predominantly expressed in the brain whereas isoform 2 is preferentially expressed in the prostate.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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