

Anti-Klk7 Antibody Picoband® FITC Conjugated

Catalog Number: A02739-1-FITC

About Klk7

Kallikrein-related peptidase 7 (KLK7) is a serine protease that in humans is encoded by the KLK7 gene. KLK7 is a chymotrypsin-like serine protease of the member of peptidase S1 family. It is synthesized with a signal peptide of 22 amino acids (aa 1-22) and a propeptide region (aa 23-29) that are subsequently cleaved to generate the mature form. Human KLK7 displays about 40 to 60% amino acid homology with other members of the family. It cleaves proteins with aromatic side chains in the P1 position. KLK7 is abundantly expressed in the skin and is also present in the brain, mammary gland, cerebellum, spinal cord, and kidney. Lower levels of expression have been reported in in salivary glands, uterus, thymus, thyroid, placenta, trachea, and testis. Its levels are shown to be up-regulated in ovarian carcinoma, especially late-stage serous carcinoma. Less differentiated tumors of more advanced stage show higher level KLK7 expression. KLK7 activity is inhibited by zinc and copper ions

Overview

Product Name	Anti-Klk7 Antibody Picoband® FITC Conjugated
Reactive Species	Rat
Application	Recommended applications are based on the parent unconjugated antibody (ELISA, IHC, WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	P36373

Technical Details

Immunogen	E.coli-derived rat Klk7 recombinant protein (Position: K30-N238).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	FITC Excitation Wavelength: 495 nm Emission Wavelength: 525 nm

Suggested Dilutions

Optimal dilutions should be determined by end users.

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Anti-Klk7 Antibody - FITC

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