

For Research Use Only

# CoraLite®594-conjugated KLK11 Monoclonal antibody



Catalog Number:CL594-67427

## Basic Information

Catalog Number:

CL594-67427

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG29895

GenBank Accession Number:

BC022068

GeneID (NCBI):

11012

UNIPROT ID:

Q9UBX7

Full Name:

kallikrein-related peptidase 11

Calculated MW:

250 aa, 27 kDa

Observed MW:

30-40 kDa

Purification Method:

Protein G purification

CloneNo.:

1E2B4

Excitation/Emission maxima

wavelengths:

588 nm / 604 nm

## Applications

Tested Applications:

FC (Intra)

Species Specificity:

Human, Pig, Rat

## Background Information

KLK11(Kallikrein-11) is also named as PRSS20, TLSP and belongs to the peptidase S1 family and Kallikrein subfamily. It is a multifunctional protease cleaving several substrates for kallikrein and trypsin and involved in normal physiology processes in bronchus. This full length protein has a signal peptide, a propeptide and four glycosylation sites. It has 4 isoforms produced by alternative splicing with the molecular weight of 31 kDa, 27 kDa,34 kDa and 30 kDa.

## Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

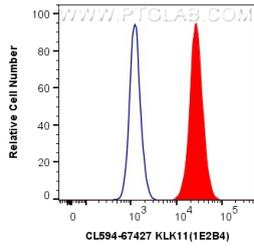
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



1X10<sup>6</sup> HepG2 cells were intracellularly stained with 0.4 ug CoraLite® 594 Anti-Human KLK11 (CL594-67427, Clone:1E2B4) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).