

For Research Use Only

CoraLite®594-conjugated KLK11 Monoclonal antibody



Catalog Number:CL594-67427

Basic Information

Catalog Number: CL594-67427	GenBank Accession Number: BC022068	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 11012	CloneNo.: 1E2B4
Source: Mouse	UNIPROT ID: Q9UBX7	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Isotype: IgG1	Full Name: kallikrein-related peptidase 11	
Immunogen Catalog Number: AG29895	Calculated MW: 250 aa, 27 kDa	
	Observed MW: 30-40 kDa	

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:

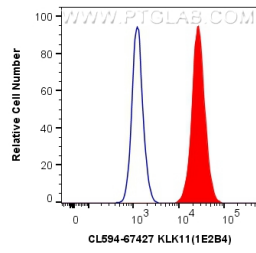
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ 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).