

For Research Use Only

# CoraLite® Plus 488-conjugated KLK11 Monoclonal antibody

Catalog Number:CL488-67427



## Basic Information

<b>Catalog Number:</b> CL488-67427	<b>GenBank Accession Number:</b> BC022068	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 11012	<b>CloneNo.:</b> 1E2B4
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9UBX7	<b>Recommended Dilutions:</b> IF-P 1:50-1:500
<b>Isotype:</b> IgG1	<b>Full Name:</b> kallikrein-related peptidase 11	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Immunogen Catalog Number:</b> AG29895	<b>Calculated MW:</b> 250 aa, 27 kDa	
	<b>Observed MW:</b> 30-40 kDa	

## Applications

<b>Tested Applications:</b> IF-P	<b>Positive Controls:</b> IF-P : human breast cancer tissue,
<b>Species Specificity:</b> 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.

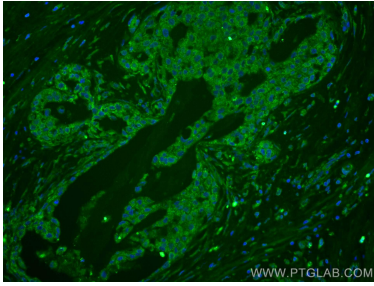
## Storage

**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**

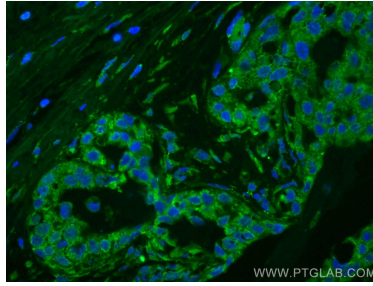
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human breast cancer tissue using CoraLite® Plus 488 KLK11 antibody (CL488-67427, Clone: 1E2B4) at dilution of 1:200.



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