

For Research Use Only

# CoraLite® Plus 488-conjugated Cytokeratin 13 Monoclonal antibody

Catalog Number:CL488-66684

Featured Product

1 Publications



## Basic Information

Catalog Number:

CL488-66684

Size:

100ul , Concentration: 1000 ug/ml by 3860

Nanodrop;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG0217

GenBank Accession Number:

BC002661

GeneID (NCBI):

3860

UNIPROT ID:

P13646

Full Name:

keratin 13

Calculated MW:

50 kDa

Observed MW:

50 kDa

Purification Method:

Protein G purification

CloneNo.:

1E10G2

Recommended Dilutions:

IF-P 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF-P

Cited Applications:

IF

Species Specificity:

human, rat

Cited Species:

human

Positive Controls:

IF-P : human cervical cancer tissue,

## Background Information

Keratins are a large family of proteins that form the intermediate filament cytoskeleton of epithelial cells, which are classified into two major sequence types. Type I keratins are a group of acidic intermediate filament proteins, including K9-K23, and the hair keratins Ha1-Ha8. Type II keratins are the basic or neutral counterparts to the acidic type I keratins, including K1-K8, and the hair keratins, Hb1-Hb6. This type I cytokeratin is paired with keratin 4 and expressed in the suprabasal layers of non-cornified stratified epithelia. The Keratin 13 (KRT13) gene encodes a type I acidic keratin which is expressed in the differentiated cells of non-cornified stratified squamous epithelia.

## Notable Publications

Author	Pubmed ID	Journal	Application
Daniela Gerges	39201816	Int J Mol Sci	IF

## 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

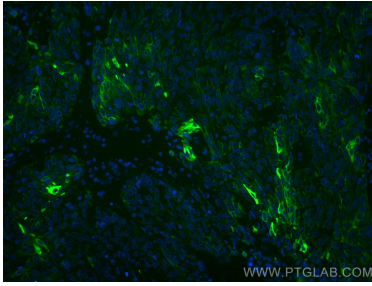
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

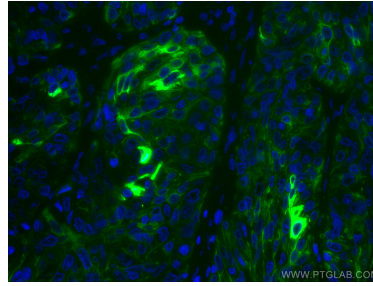
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human cervical cancer tissue using CoraLite® Plus 488 Cytokeratin 13 antibody (CL488-66684, Clone: 1E10G2 ) at dilution of 1:100.



Immunofluorescent analysis of (4% PFA) fixed human cervical cancer tissue using CoraLite® Plus 488 Cytokeratin 13 antibody (CL488-66684, Clone: 1E10G2 ) at dilution of 1:100.