

For Research Use Only

# CoraLite® Plus 488-conjugated DAPK1 Monoclonal antibody

Catalog Number:CL488-67815



## Basic Information

<b>Catalog Number:</b> CL488-67815	<b>GenBank Accession Number:</b> BC113660	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 1612	<b>CloneNo.:</b> 1E2F9
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P53355	<b>Recommended Dilutions:</b> IF-P 1:50-1:500
<b>Isotype:</b> IgG1	<b>Full Name:</b> death-associated protein kinase 1	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Immunogen Catalog Number:</b> AG29838	<b>Calculated MW:</b> 1430 aa, 160 kDa	
	<b>Observed MW:</b> 160 kDa	

## Applications

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

## Background Information

DAPK1(Death-associated protein kinase 1) is a stress-activated tumor suppressor protein that plays a role in both proapoptotic or antiapoptotic signal transduction pathways. Loss of DAPK1 expression is associated with a selective advantage for tumor cells to resist apoptotic stimuli, allowing them to separate from the original tumor; from this point of view, DAPK1 could be considered a tumor metastases inhibitor gene(PMID:17319784).

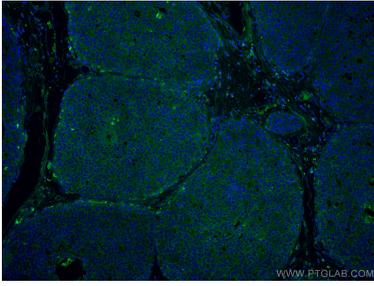
## Storage

**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

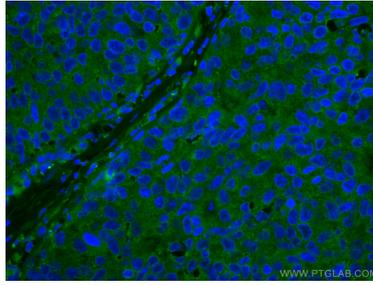
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human breast cancer tissue using CoraLite® Plus 488 DAPK1 antibody (CL488-67815, Clone: 1E2F9) at dilution of 1:200.



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