

CoraLite® Plus 488-conjugated DAPK1 Monoclonal antibody

Catalog Number: **CL488-67815**

Basic Information

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

Applications

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

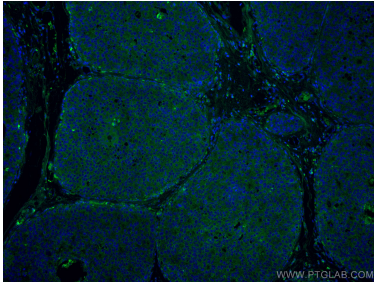
Background Information

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).

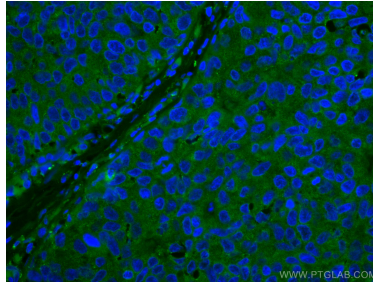
Storage

Storage:
Store at -20°C. Avoid exposure to light.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human breast cancer tissue using Coralite® Plus 488 DAPI1 antibody (CL488-67815, Clone: 1E2F9) at dilution of 1:200.



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