

For Research Use Only

calcyphosine Monoclonal antibody, PBS Only



Catalog Number: 68225-1-PBS

Basic Information

Catalog Number: 68225-1-PBS	GenBank Accession Number: BC080599	Purification Method: Protein G purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 828	CloneNo.: 2B7D1
Source: Mouse	UNIPROT ID: Q13938	
Isotype: IgG1	Full Name: calcyphosine	
Immunogen Catalog Number: AG10330	Calculated MW: 189 aa, 21 kDa	
	Observed MW: 21 kDa	

Applications

Tested Applications:
WB, IF, Indirect ELISA

Species Specificity:
Human, pig, rabbit

Background Information

calcyphosine is a calcium-binding protein, which may play a role in the regulation of ion transport. Calcyphosine (CAPS) was initially identified in the canine thyroid but has also been detected in humans and other mammals. CAPS synthesis is increased by thyroid-stimulating hormone and cAMP analogs that promote cell proliferation and maintain cell differentiation. Recently, CAPS was found to be involved in many kinds of tumor.

Storage

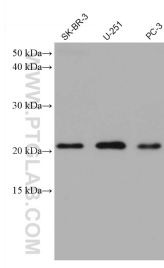
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

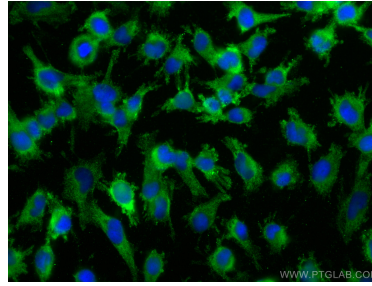
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68225-1-Ig (CAPS antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68225-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed U-251 cells using calcyphosine antibody (68225-1-Ig, Clone: 2B7D1) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 68225-1-PBS in a different storage buffer formulation.