

For Research Use Only

C6orf108 Monoclonal antibody, PBS Only

Catalog Number: 68310-1-PBS



Basic Information

Catalog Number: 68310-1-PBS	GenBank Accession Number: BC011683	Purification Method: Protein G purification
Size: 1 mg/ml	GeneID (NCBI): 10591	CloneNo.: 2C4E1
Source: Mouse	UNIPROT ID: O43598	
Isotype: IgG1	Full Name: chromosome 6 open reading frame 108	
Immunogen Catalog Number: AG22382	Calculated MW: 174 aa, 19 kDa	
	Observed MW: 23 kDa	

Applications

Tested Applications:
WB, IF/ICC, Indirect ELISA

Species Specificity:
human

Background Information

C6orf108 also named as DNPH1, catalyzes the cleavage of the N-glycosidic bond of deoxyribonucleoside 5'-monophosphates to yield deoxyribose 5-phosphate and a purine or pyrimidine base. Deoxyribonucleoside 5'-monophosphates containing purine bases are preferred to those containing pyrimidine bases (PMID: 24260472). Expressed at low levels in brain, colon, lung, peripheral blood leukocytes, placenta, small intestine, and thymus. Expressed at high levels in heart, kidney, liver, skeletal muscle and spleen. Overexpressed in a significant proportion of breast cancers (PMID: 18726892).

Storage

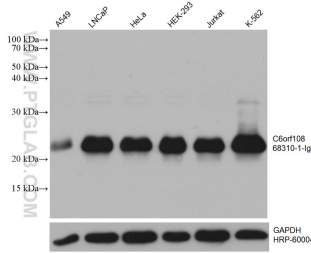
Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

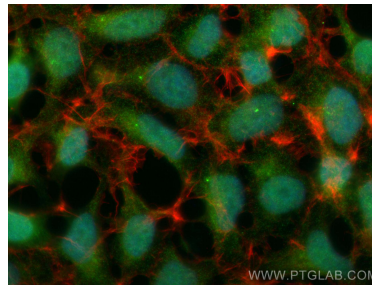
For technical support and original validation data for this product please contact:
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68310-1-Ig (C6orf108 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control. This data was developed using the same antibody clone with 68310-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using C6orf108 antibody (68310-1-Ig, Clone: 2C4E1) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1), CL594-phalloidin (red). This data was developed using the same antibody clone with 68310-1-PBS in a different storage buffer formulation.