C6orf108 Monoclonal antibody, PBS Only

Catalog Number:68310-1-PBS

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Basic Information

Catalog Number:
68310-1-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG22382

GenBank Accession Number:
BC011683

GeneID (NCBI):
10591

UNIPROT ID:
O43598

Full Name:
chromosome 6 open reading frame 108

Calculated MW:
174 aa, 19 kDa

Observed MW:
23 kDa

Purification Method:
Protein G purification

CloneNo.:
2C4E1

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).
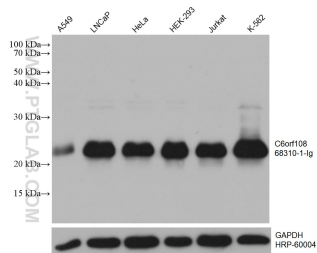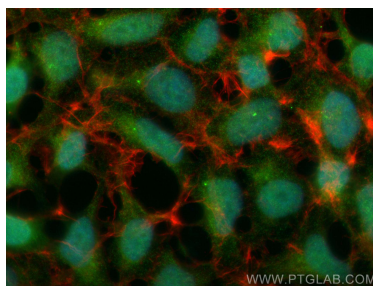
Storage

Storage:
Store at -80℃.
Storage Buffer:
PBS Only

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.