

For Research Use Only

C6orf108 Monoclonal antibody

Catalog Number: **68310-1-Ig** **Featured Product**



Basic Information

Catalog Number:

68310-1-Ig

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

Recommended Dilutions:

WB: 1:5000-1:50000

IF/ICC: 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

WB : A549 cells, HEK-293 cells, LNCaP cells, HeLa cells,
Jurkat cells, K-562 cells

IF/ICC : HEK-293 cells,

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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

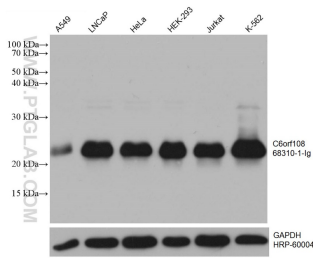
T: 4006900926

E: Proteintech-CN@ptglab.com

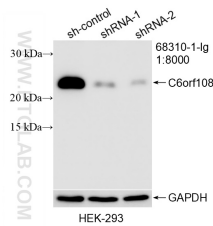
W: ptgcn.com

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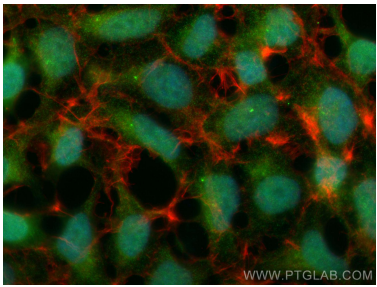
Selected Validation Data



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.



WB result of C6orf108 antibody (68310-1-Ig; 1:8000; incubated at room temperature for 1.5 hours) with sh-Control and sh-C6orf108 transfected HEK-293 cells.



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).