

For Research Use Only

Transferrin/TF Monoclonal antibody, PBS Only

Catalog Number: 66171-1-PBS



Basic Information

Catalog Number:

66171-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG11668

GenBank Accession Number:

BC059367

GeneID (NCBI):

7018

UNIPROT ID:

P02787

Full Name:

transferrin

Calculated MW:

698 aa, 77 kDa

Observed MW:

77 kDa

Purification Method:

Protein A purification

CloneNo.:

2B4C6

Applications

Tested Applications:

WB, IHC, IF-P, ELISA

Species Specificity:

human

Background Information

Transferrin(TF) is also named as Beta-1 metal-binding globulin, Siderophilin and belongs to the transferrin family. It is a bilobal iron-binding protein that plays the crucial role of binding ferric iron and keeping it in solution, thereby controlling the levels of this important metal. Serum transferrin may have a further role in stimulating cell proliferation.

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:

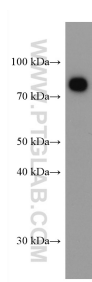
T: 4006900926

E: Proteintech-CN@ptglab.com

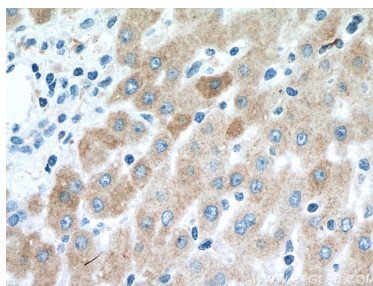
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

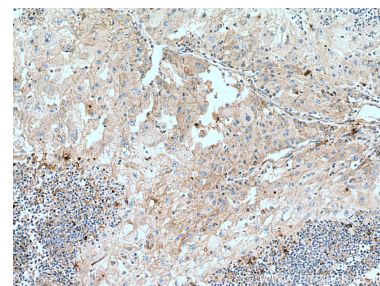
Selected Validation Data



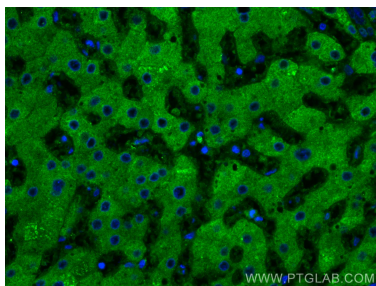
human plasma were subjected to SDS PAGE followed by western blot with 66171-1-Ig (Transferrin antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66171-1-PBS in a different storage buffer formulation.



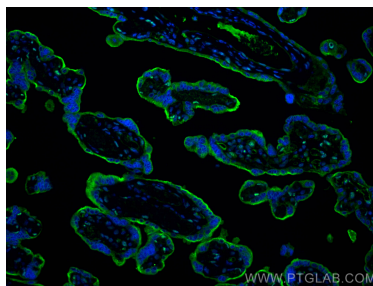
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66171-1-Ig (Transferrin antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66171-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66171-1-Ig (Transferrin antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66171-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed human liver tissue using Transferrin antibody (66171-1-Ig, Clone: 2B4C6) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66171-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded human placenta tissue using Transferrin antibody (66171-1-Ig, Clone: 2B4C6) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66171-1-PBS in a different storage buffer formulation.