

For Research Use Only

Zinc Alpha 2 Glycoprotein Monoclonal antibody, PBS Only



Catalog Number: 66178-1-PBS

Basic Information

Catalog Number: 66178-1-PBS	GenBank Accession Number: BC033830	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 563	CloneNo.: 4B8A4
Source: Mouse	UNIPROT ID: P25311	
Isotype: IgG1	Full Name: alpha-2-glycoprotein 1, zinc-binding	
Immunogen Catalog Number: AG5661	Calculated MW: 298 aa, 34 kDa	
	Observed MW: 41 kDa	

Applications

Tested Applications:
WB, Indirect ELISA, IHC, IF

Species Specificity:
human

Background Information

Zinc-alpha-2-glycoprotein (AZGP1), a 41-kDa soluble protein normally found in body fluids, functions as a lipid mobilizing factor (PMID: 19188554). It is known to be expressed in the secretory epithelia of the liver, lung, breast, GI tract, and sweat glands, sharing significant structural similarity with the class I major histocompatibility complex (MHC) antigens (PMID: 3422450). AZGP1 is involved in carcinogenesis and differentiation. Altered expression of AZGP1 has been reported in breast cancer, prostate cancer and lung adenocarcinoma, hepatocellular carcinoma, pancreatic carcinoma and oral tumors (PMID: 22625427).

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:

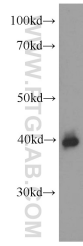
T: 4006900926

E: Proteintech-CN@ptglab.com

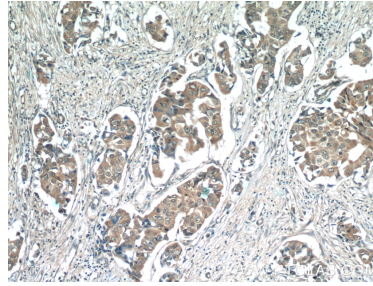
W: ptgcn.com

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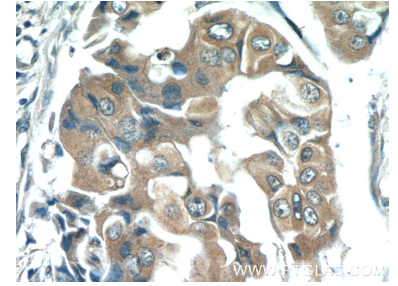
Selected Validation Data



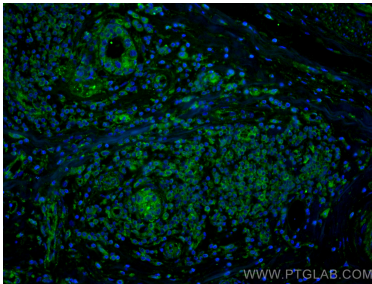
human plasma were subjected to SDS PAGE followed by western blot with 66178-1-Ig (AZGP1 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66178-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66178-1-Ig (AZGP1 Antibody) at dilution of 1:50 (under 10x lens). This data was developed using the same antibody clone with 66178-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66178-1-Ig (AZGP1 Antibody) at dilution of 1:50 (under 40x lens). This data was developed using the same antibody clone with 66178-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed human breast cancer tissue using Zinc Alpha 2 Glycoprotein antibody (66178-1-Ig, Clone: 4B8A4) 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 66178-1-PBS in a different storage buffer formulation.