

For Research Use Only

ICAM4 Monoclonal antibody, PBS Only



Catalog Number: 67014-1-PBS

Basic Information

Catalog Number: 67014-1-PBS	GenBank Accession Number: BC029364	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 3386	CloneNo.: 3A9B9
Source: Mouse	UNIPROT ID: Q14773	
Isotype: IgG1	Full Name: intercellular adhesion molecule 4 (Landsteiner-Wiener blood group)	
Immunogen Catalog Number: AG27628	Calculated MW: 271 aa, 29 kDa	
	Observed MW: 42 kDa	

Applications

Tested Applications:
WB, IF, IHC, Indirect ELISA

Species Specificity:
Human, mouse

Background Information

This gene encodes the Landsteiner-Wiener (LW) blood group antigen(s) that belongs to the immunoglobulin (Ig) superfamily, and that shares similarity with the intercellular adhesion molecule (ICAM) protein family. The protein migrate as a 42 kDa glycoprotein on SDS PAGE. Alternative splicing results in multiple transcript variants encoding distinct isoforms.

Storage

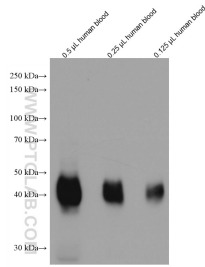
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

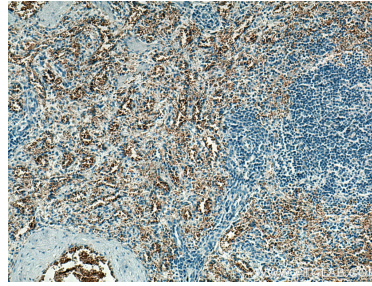
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

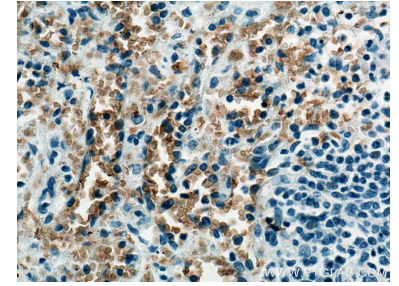
Selected Validation Data



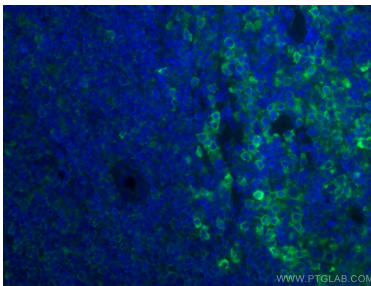
Different amount of human blood lysates were subjected to SDS PAGE followed by western blot with 67014-1-Ig (ICAM4 antibody) at dilution of 1:50000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67014-1-PBS in a different storage buffer formulation.



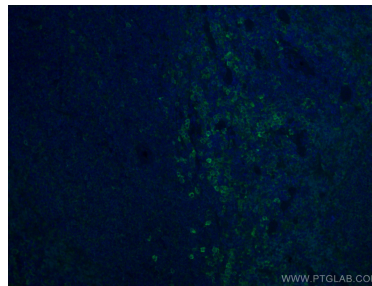
Immunohistochemical analysis of paraffin-embedded human spleen tissue slide using 67014-1-Ig (ICAM4 antibody) at dilution of 1:5000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67014-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human spleen tissue slide using 67014-1-Ig (ICAM4 antibody) at dilution of 1:5000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67014-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed mouse spleen tissue using ICAM4 antibody (67014-1-Ig, Clone: 3A9B9) 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 67014-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed mouse spleen tissue using ICAM4 antibody (67014-1-Ig, Clone: 3A9B9) 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 67014-1-PBS in a different storage buffer formulation.