

For Research Use Only

SIRP beta 1/CD172b Monoclonal antibody, PBS Only

Catalog Number: 68206-1-PBS



Basic Information

Catalog Number: 68206-1-PBS	GenBank Accession Number: BC025286	Purification Method: Protein G purification
Size: 100ug, Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 10326	CloneNo.: 3A3H1
Source: Mouse	UNIPROT ID: O00241	
Isotype: IgG1	Full Name: signal-regulatory protein beta 1	
Immunogen Catalog Number: AG28615	Calculated MW: 43 kDa	
	Observed MW: 43 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:
human, mouse, rat, pig, rabbit

Background Information

SIRP Beta 1 is a member of the signal-regulatory-protein (SIRP) family and also belongs to the immunoglobulin superfamily. SIRP family members are cell surface signaling receptors differentially expressed in leukocytes and the central nervous system. SIRP Beta 1 interacts with TYROBP/DAP12, a protein-bearing immunoreceptor tyrosine-based activation motif. SIRP Beta 1 also participates in the recruitment of tyrosine kinase SYK.

Storage

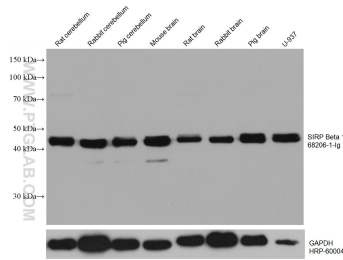
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

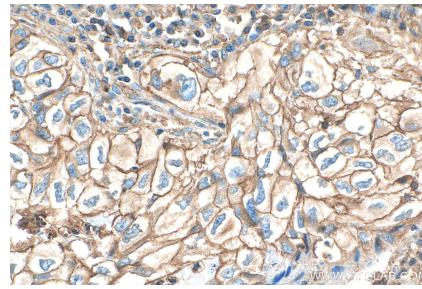
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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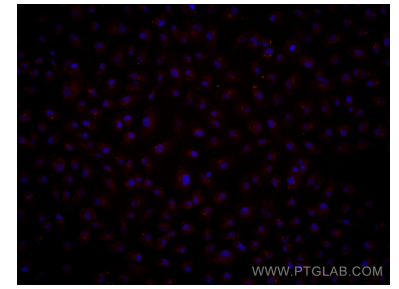
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68206-1-Ig (SIRP Beta 1 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 68206-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 68206-1-Ig (SIRP Beta 1 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 68206-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed OS-RC-2 cells using SIRP Beta 1 antibody (68206-1-Ig, Clone: 3A3H1) at dilution of 1:1000 and Multi-rAb CoraLite® Plus 594-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (Cat.NO. RGAM004). This data was developed using the same antibody clone with 68206-1-PBS in a different storage buffer formulation.