

For Research Use Only

Stomatin Monoclonal antibody, PBS Only



Catalog Number: 67894-1-PBS

Basic Information

Catalog Number: 67894-1-PBS	GenBank Accession Number: BC010703	Purification Method: Protein G purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 2040	CloneNo.: 1A4D6
Source: Mouse	UNIPROT ID: P27105	
Isotype: IgG1	Full Name: stomatin	
Immunogen Catalog Number: AG2676	Calculated MW: 288 aa, 32 kDa	
	Observed MW: 32 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
Human

Background Information

STOM, also named as BND7, EPB72, Stomatin and Protein 7.2b, belongs to the band 7/mec-2 family. It is thought to regulate cation conductance. STOM may regulate ACCN1 and ACCN3 gating. STOM is a membrane protein involved in regulation of monovalent cation transport through lipid membranes. Interestingly, STOM (which has a structure similar to caveolin) is a major lipid-raft component of erythrocytes. It may have a role in membrane microdomains modulation leading to membrane budding and MPs release.(PMID:19138258)

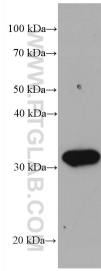
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

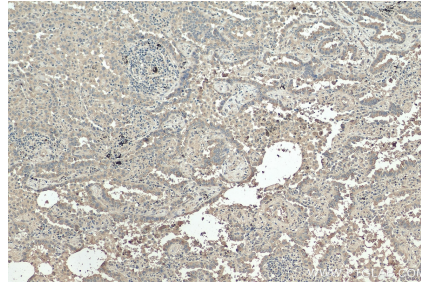
For technical support and original validation data for this product please contact:
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Selected Validation Data



human placenta tissue were subjected to SDS PAGE followed by western blot with 67894-1-Ig (Stomatin antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67894-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 67894-1-Ig (Stomatin antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67894-1-PBS in a different storage buffer formulation.