

For Research Use Only

KCNN4 Monoclonal antibody, PBS Only



Catalog Number: 60276-1-PBS

Basic Information

Catalog Number: 60276-1-PBS	GenBank Accession Number: BC015337	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 3783	CloneNo.: 2A6G5
Source: Mouse	UNIPROT ID: O15554	
Isotype: IgG2a	Full Name: potassium intermediate/small conductance calcium-activated channel, subfamily N, member 4	
Immunogen Catalog Number: AG19774	Calculated MW: 427 aa, 48 kDa	
	Observed MW: 48 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

The intermediate conductance calcium-activated potassium channel KCNN4, also known as KCa3.1, IK1, or SK4, is a member of the potassium channel KCNN family. KCNN4 is expressed in T cells, mast cells, macrophages, erythrocytes, vascular smooth muscle cells, airway smooth muscle cells, intestinal and airway epithelial cells (PMID: 19681865; 21493782). Functionally, KCNN4 plays a key role in calcium-dependent cell functions, such as proliferation, activation, and migration, in a broad range of cell types (PMID: 21493782).

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:

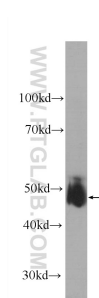
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Selected Validation Data



human blood were subjected to SDS PAGE followed by western blot with 60276-1-Ig (KCNN4 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60276-1-PBS in a different storage buffer formulation.