

For Research Use Only

CoraLite® Plus 488-conjugated FXVD1 Monoclonal antibody



Catalog Number:CL488-67150

Basic Information

Catalog Number: CL488-67150	GenBank Accession Number: BC032800	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 5348	CloneNo.: 2C10G9
Source: Mouse	UNIPROT ID: O00168	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG2a	Full Name: FXVD domain containing ion transport regulator 1	
Immunogen Catalog Number: AG25307	Calculated MW: 92 aa, 10 kDa	
	Observed MW: 15 kDa	

Applications

Tested Applications:
Species Specificity:
human, mouse, pig

Background Information

FXVD1, also named as PLM and Phospholemman, belongs to the FXVD family. FXVD1 induces a hyperpolarization-activated chloride current when expressed in *Xenopus* oocytes. It may have a functional role in muscle contraction. FXVD1 is a partner protein and regulator of the Na⁺,K⁺-ATPase (Na⁺,K⁺-pump). It may play a role in the acute regulation of the Na⁺,K⁺-ATPase response to exercise. (PMID: 20595385, 21653224)

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

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.

