

For Research Use Only

LANCL1 Monoclonal antibody, PBS Only



Catalog Number: 68160-1-PBS

Basic Information

Catalog Number: 68160-1-PBS	GenBank Accession Number: BC028685	Purification Method: Protein G purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 10314	CloneNo.: 2H6E8
Source: Mouse	UNIPROT ID: O43813	
Isotype: IgG1	Full Name: LanC lantibiotic synthetase component C-like 1 (bacterial)	
Immunogen Catalog Number: AG32665	Calculated MW: 399 aa, 45 kDa	
	Observed MW: 40 kDa	

Applications

Tested Applications:
WB, IP, IF, Indirect ELISA

Species Specificity:
Human, mouse, rat, pig

Background Information

LanCL1 (also known as P40 or GRP69A), is homologous to bacterial lanthionine synthetase C (LanC) family, which is involved in the biosynthesis of antimicrobial peptides (lantibiotics). LanCL1 was identified as a reduced glutathione (GSH)-binding protein and primarily expressed in neural tissues and testis.

Storage

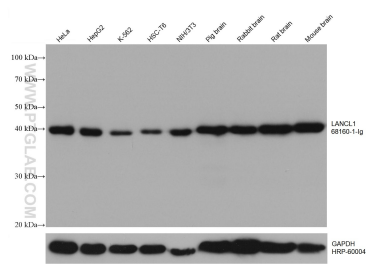
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

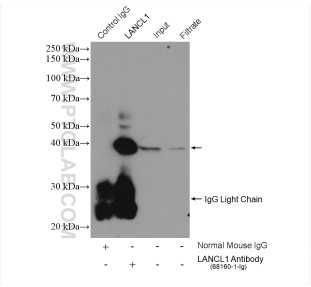
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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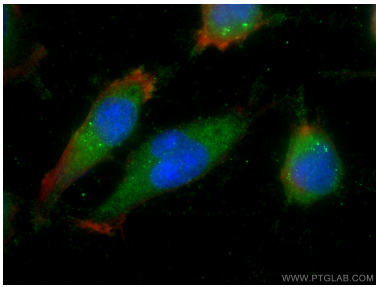
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68160-1-Ig (LANCL1 antibody) at dilution of 1:10000 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 68160-1-PBS in a different storage buffer formulation.



IP result of anti-LANCL1 (IP: 68160-1-Ig, 5ug; Detection: 68160-1-Ig 1:2000) with mouse brain tissue lysate 1600 ug. This data was developed using the same antibody clone with 68160-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed U-251 cells using LANCL1 antibody (68160-1-Ig, Clone: 2H6E8) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red). This data was developed using the same antibody clone with 68160-1-PBS in a different storage buffer formulation.