

For Research Use Only

CoraLite® Plus 488-conjugated LANCL1 Monoclonal antibody



Catalog Number:CL488-68160

Basic Information

Catalog Number:

CL488-68160

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG32665

GenBank Accession Number:

BC028685

GeneID (NCBI):

10314

UNIPROT ID:

O43813

Full Name:

LanC lantibiotic synthetase
component C-like 1 (bacterial)

Calculated MW:

399 aa, 45 kDa

Observed MW:

40 kDa

Purification Method:

Protein G purification

CloneNo.:

2H6E8

Recommended Dilutions:

IF 1:50-1:500

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

Human, mouse, rat, pig

Positive Controls:

IF : U-251 cells,

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 -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:

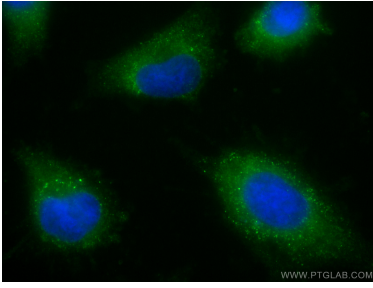
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed U-251 cells using CoraLite® Plus 488 LANCL1 antibody (CL488-68160, Clone: 2H6E8) at dilution of 1:200.