

For Research Use Only

CoraLite® Plus 488-conjugated AGER/RAGE Monoclonal antibody

Catalog Number:CL488-66833



Basic Information

Catalog Number:

CL488-66833

Size:

1000 ug/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG9657

GenBank Accession Number:

BC020669

GeneID (NCBI):

177

UNIPROT ID:

Q15109

Full Name:

advanced glycosylation end product-specific receptor

Calculated MW:

404 aa, 43 kDa

Observed MW:

45 kDa

Purification Method:

Protein G purification

CloneNo.:

3D4G11

Recommended Dilutions:

IF-P 1:50-1:500

Excitation/Emission maxima

wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF-P

Species Specificity:

human, rat, pig

Positive Controls:

IF-P: rat lung tissue,

Background Information

Advanced glycosylation end product-specific receptor (AGER, also known as RAGE) is a multiligand receptor of the immunoglobulin superfamily. It interacts with distinct molecules implicated in homeostasis, development, and inflammation, and certain diseases such as diabetes and Alzheimer disease.

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:

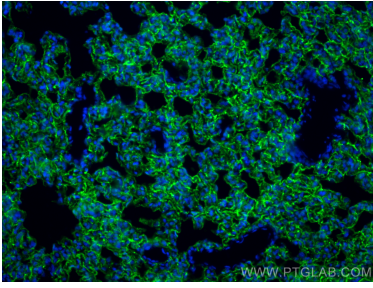
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded rat lung tissue using Coralite® Plus 488 AGER antibody (CL488-66833, Clone: 3D4G11) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).