

For Research Use Only

CoraLite® Plus 488-conjugated AGER/RAGE Monoclonal antibody

Catalog Number:CL488-66833



Basic Information

Catalog Number: CL488-66833	GenBank Accession Number: BC020669	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): UNIPROT ID: Q15109	CloneNo.: 3D4G11
Source: Mouse	Full Name: advanced glycosylation end product- specific receptor	Recommended Dilutions: WB 1:500-1:1000 IF-P 1:50-1:500
Isotype: IgG1	Calculated MW: 404 aa, 43 kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG9657	Observed MW: 43, 50 kDa	

Applications

Tested Applications: WB, IF-P	Positive Controls:
Species Specificity: human, rat, pig	WB : pig lung tissue, 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.

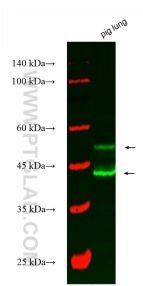
Storage

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

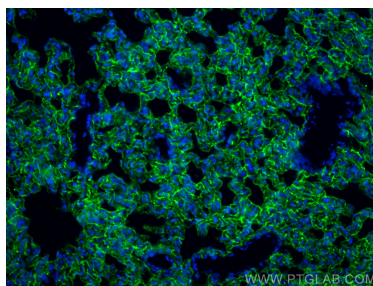
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with CL488-66833 (AGER antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



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).