

For Research Use Only

AGER/RAGE Monoclonal antibody, PBS Only

Catalog Number: 66833-1-PBS



Basic Information

Catalog Number:	66833-1-PBS	GenBank Accession Number:	BC020669	Purification Method:	Protein A purification
Size:	1 mg/ml	GeneID (NCBI):	177	CloneNo.:	3D4G11
Source:	Mouse	UNIPROT ID:	Q15109		
Isotype:	IgG1	Full Name:	advanced glycosylation end product-specific receptor		
Immunogen Catalog Number:	AG9657	Calculated MW:	404 aa, 43 kDa		
		Observed MW:	45 kDa		

Applications

Tested Applications:
WB, IHC, IF-P, ELISA
Species Specificity:
human, mouse, rat, pig

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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

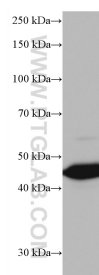
T: 4006900926

E: Proteintech-CN@ptglab.com

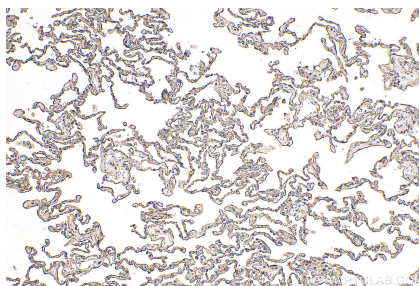
W: ptgcn.com

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

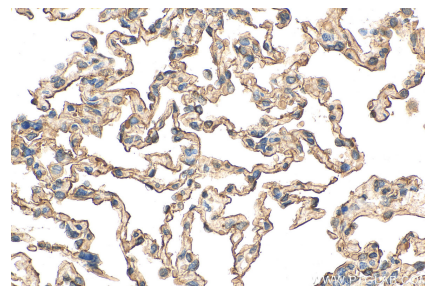
Selected Validation Data



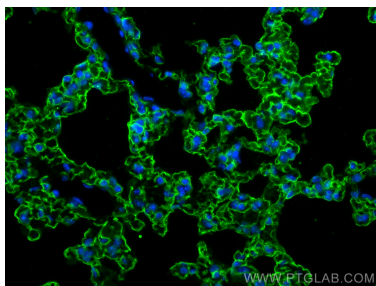
pig lung tissue were subjected to SDS PAGE followed by western blot with 66833-1-Ig (AGER antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66833-1-PBS in a different storage buffer formulation.



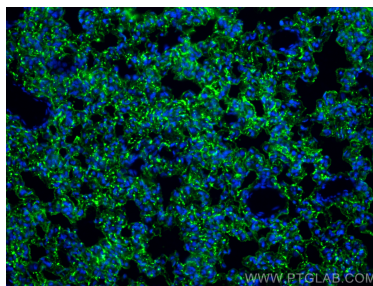
Immunohistochemical analysis of paraffin-embedded human lung tissue slide using 66833-1-Ig (AGER antibody) at dilution of 1:300 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66833-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human lung tissue slide using 66833-1-Ig (AGER antibody) at dilution of 1:300 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66833-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse lung tissue using AGER/RAGE antibody (66833-1-Ig, Clone: 3D4G11) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-1). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66833-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded rat lung tissue using AGER antibody (66833-1-Ig, Clone: 3D4G11) at dilution of 1:800 and Multi-rAb CoraLite® Plus 488-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (RGAM002). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66833-1-PBS in a different storage buffer formulation.