

For Research Use Only

AGER/RAGE Recombinant monoclonal antibody, PBS Only

Catalog Number: 85349-1-PBS



Basic Information

Catalog Number:	85349-1-PBS	GenBank Accession Number:	BC020669	Purification Method:	Protein A purification
Size:	100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI):	177	CloneNo.:	242714G12
Source:	Rabbit	UNIPROT ID:	Q15109		
Isotype:	IgG	Full Name:	advanced glycosylation end product-specific receptor		
Immunogen Catalog Number:	EG3860	Calculated MW:	404 aa, 43 kDa		
		Observed MW:	43 kDa		

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, pig

Background Information

The receptor for advanced glycation end products (RAGE) is a cell surface transmembrane multiligand receptor, also known as Ager, is a multiligand member of the immunoglobulin superfamily. It has many isoforms and is predominantly expressed in the lung. AGER expression is upregulated in many diseases such as Alzheimer's disease, diabetes mellitus, atherosclerosis, and rheumatoid arthritis (PMID: 35099614).

Storage

Storage:

Store at -80°C.

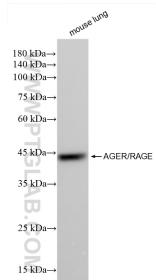
Storage Buffer:

PBS only, pH7.3

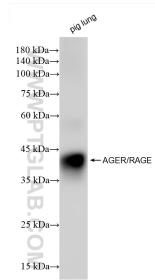
For technical support and original validation data for this product please contact:
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

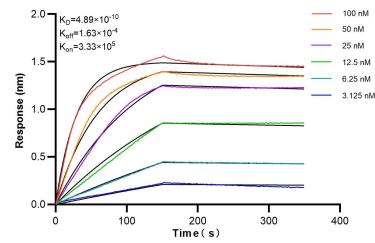
Selected Validation Data



mouse lung tissue were subjected to SDS PAGE followed by western blot with 85349-1-RR (AGER/RAGE antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85349-1-PBS in a different storage buffer formulation.



pig lung tissue were subjected to SDS PAGE followed by western blot with 85349-1-RR (AGER/RAGE antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85349-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 85349-1-RR against Human AGER/RAGE were performed. The affinity constant is 0.489 nM.