

Mouse Anti-Porcine Advanced Glycosylation End Product-Specific Receptor (AGER) Monoclonal Antibody

Cat. No.: VD8N367

Product Type: Animal-targeted Antibodies

Size: 50uL; 100uL; 150uL

Product Overview

BioVenic mouse monoclonal antibody is specific for advanced glycosylation end product-specific receptor. It is affinity purified by protein A. It can be applied to WB, IHC and ELISA assays of advanced glycosylation end product-specific receptor.

Specifications

Application	WB; IHC; ELISA
Clonality	Monoclonal
Classification	Primary Antibody
Clone	G8N20
Host	Mouse
Target Species	Porcine
Species Reactivity	Porcine
Specificity	Advanced Glycosylation End Product-Specific Receptor
Isotype	IgG1
Immunogen	Recombinant protein of advanced glycosylation end product-specific receptor
Purification	Protein A Purified
Concentration	1000 µg/mL
Conjugation	Unconjugated
Preservative and Stabilizer	0.02% Sodium Azide
Buffer	Phosphate Buffered Saline with 50% Glycerol, pH 7.3
Physical State	Liquid

Target Information

Porcine advanced glycosylation end product-specific receptor (pAGER, also known as receptor for advanced glycation endproducts or RAGE) is a multiligand receptor that plays a significant role in the pathogenesis of various inflammatory and age-related diseases. pAGER is a member of the immunoglobulin superfamily and is expressed on the surface of multiple cell types, including endothelial cells, neurons, and immune cells. This receptor is known for its ability to bind and respond to advanced glycation end products (AGEs), which are molecules formed through a non-enzymatic glycosylation process involving reducing sugars and proteins. The interaction between pAGER and AGEs can lead to cellular signaling cascades that contribute to oxidative stress, inflammation, and cellular dysfunction.

Target	Advanced Glycosylation End Product-Specific Receptor
Target Synonym	AGER; RAGE
Gene ID	396591
UniProt ID	A0A8W4FET6

Shipping and Storage

This product is shipped with ice gel packs. Store at -20°C (up to 12 months) on receipt.

Reference

Biros, Erik, *et al.* "Association between the advanced glycosylation end product-specific receptor gene and cardiovascular death in older men." *Plos one* 10.7 (2015): e0134475.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.