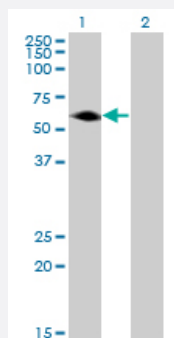


AGER monoclonal antibody (M05), clone 1D1

Catalog # H00000177-M05

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of AGER expression in transfected 293T cell line by AGER monoclonal antibody (M05), clone 1D1.

Lane 1: AGER transfected lysate(42.8 KDa).

Lane 2: Non-transfected lysate.



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant AGER.
Immunogen	AGER (AAH20669.1, 87 a.a. ~ 197 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	PAVGIQDEGIFRCQAMNRNGKETKSNYRVRVYQIPGKPEIVDSASELTAGVPNKVGTCVSEGSYP AGTLSWHLDGKPLVPNEKGVSVKEQTRRHPETGLFTLQSELMVTPA
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (82); Rat (84)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of AGER expression in transfected 293T cell line by AGER monoclonal antibody (M05), clone 1D1.

Lane 1: AGER transfected lysate(42.8 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — AGER

Entrez GeneID	177
GeneBank Accession#	BC020669
Protein Accession#	AAH20669.1
Gene Name	AGER
Gene Alias	MGC22357, RAGE
Gene Description	advanced glycosylation end product-specific receptor
Omim ID	600214
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a member of the immunoglobulin superfamily of cell surface molecules. It is a receptor for various molecules, including the amyloidogenic form of serum amyloid A, amyloid-beta protein, members of the S100/calgranulin superfamily and advanced glycation end products. The gene lies within the major histocompatibility complex (MHC) class III region on chromosome 6. Alternative splicing results in two transcript variants encoding different isoforms. [provided by RefSeq]

Other Designations

OTTHUMP00000029155|OTTHUMP00000029156|advanced glycosylation end product-specific receptor RAGE3|advanced glycosylation end product-specific receptor variant sRAGE1|advanced glycosylation end product-specific receptor variant sRAGE2|receptor for advanced

Disease

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- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Calcinosis](#)
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