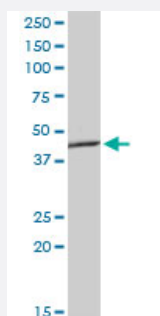


AGER monoclonal antibody (M02A), clone 1C1

Catalog # H00000177-M02A

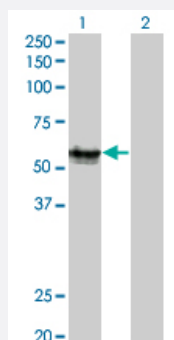
Size 200 uL

Applications



Western Blot (Tissue lysate)

AGER monoclonal antibody (M02A), clone 1C1. Western Blot analysis of AGER expression in human kidney.

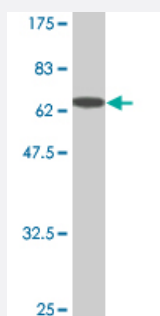


Western Blot (Transfected lysate)

Western Blot analysis of AGER expression in transfected 293T cell line by AGER monoclonal antibody (M02A), clone 1C1.

Lane 1: AGER transfected lysate(42.8 KDa).

Lane 2: Non-transfected lysate.



Western Blot detection against Immunogen (67.76 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant AGER.

Immunogen	AGER (AAH20669.1, 23 a.a. ~ 404 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	AQNITARIGEPLVLKCKGAPKKPPQRLEWNLNTGRTEAWKVLSPQGGGPWDSVARVLPNGSLFL PAVGIQDEGIFRCQAMNRNGKETKSNYRVRVYQIPGKPEIVDSASELTAGVPNKVGTVCVSEGSYP AGTLSWHLDGKPLVPNEKGVSVKEQTRRHPETGLFTLQSELMVTPARGGDP RPPTFSCSFSPGL PRHRALRTAPIQPRVWEPVPLEEVQLVVEPEGGAVAPGGTVTLTCEVPAQPSPQIHWMKDGVP PLPPSPVLILPEIGPQDQGTYSVATHSSHGPQESRAVSISIIEPGEEGPTAGSVGGSGGLGTLALAL GILGGLGTAALLIGVILWQRRQRRGEERKAPENQEEEEERAELNQSEEPEAGESSTGGP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (78); Rat (79)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (67.76 KDa) .
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

AGER monoclonal antibody (M02A), clone 1C1. Western Blot analysis of AGER expression in human kidney.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of AGER expression in transfected 293T cell line by AGER monoclonal antibody (M02A), clone 1C1.

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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