

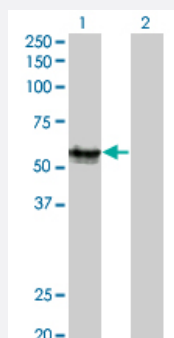
CX Grade

AGER monoclonal antibody (M02), clone 1C1

Catalog # H00000177-M02C

Size 200 uL

Applications

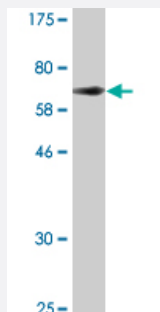


Western Blot (Transfected lysate)

Western Blot analysis of AGER expression in transfected 293T cell line by AGER monoclonal antibody (M02C), 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. This product is belong to Cell Culture Grade Antibody (CX Grade).

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
PAVGIQDEGIFRCQAMNRNGKETKSNYRVRYQIPGKPEIVDSASELTAGVPNKVGTCVSEGSYP
AGTLSWHLDGKPLVPNEKGVSVKEQTRRHPETGLFTLQSELMVTPARGGDPRTFSCSFSPGL
PRHRALRTAPIQPRVWEPVPLEEVQLVVEPEGGAVAPGGTVTLTCEVPAQPSPQIHWMKDGVP
PLPPSPVLILPEIGPQDQGTYSVATHSSHGPGQESRAVSISIIIEPGEEGPTAGSVGGSGGLTLALAL
GILGGLGTAALLIGVILWQRRQRERGEERKAPENQEEEEERAELNQSEEPEAGESSTGGP

Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (78); Rat (79)
Preparation Method	Cell Culture Production
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (67.76 KDa) .
Storage Buffer	In condensed culture supernatant
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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[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

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