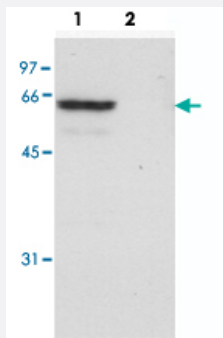


AGER monoclonal antibody, clone YK-2B4

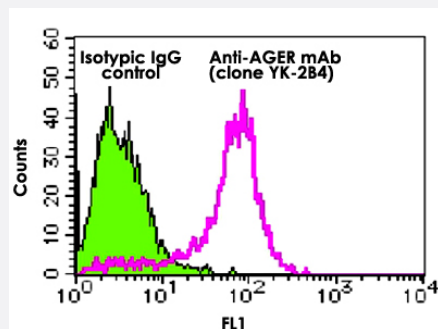
Catalog # MAB10578 Size 100 ug

Applications



Western Blot (Transfected lysate)

Western blot analysis of AGER expression in AGER/HEK 293 (1), and HEK293 (2) cell lines



Flow Cytometry

Flow cytometric analysis of AGER in AGER/HEK 293, and HEK293 cell lines.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant AGER.
Immunogen	Recombinant protein corresponding to extracellular domain of human AGER.
Host	Mouse
Theoretical MW (kDa)	46-54
Reactivity	Human
Form	Liquid
Purification	Protein A-Sepharose chromatography

Concentration	1.0 mg/mL
Isotype	IgG1
Recommend Usage	Western Blot (1:1000-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 20 mM PBS, pH 7.5, 300 mM NaCl (50% glycerol)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

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- Flow Cytometry

Flow cytometric analysis of AGER in AGER/HEK 293, and HEK293 cell lines.

Gene Info — AGER

Entrez GeneID	177
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

- [Alzheimer disease](#)
- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Cerebral Amyloid Angiopathy](#)
- [Cognition](#)
- [Colitis](#)
- [Coronary Artery Disease](#)
- [Diabetes](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Diabetic Retinopathy](#)
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