

Rabbit anti-Human, Mouse MR1 Polyclonal Antibody | anti-MR1 antibody

MR1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA231410	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

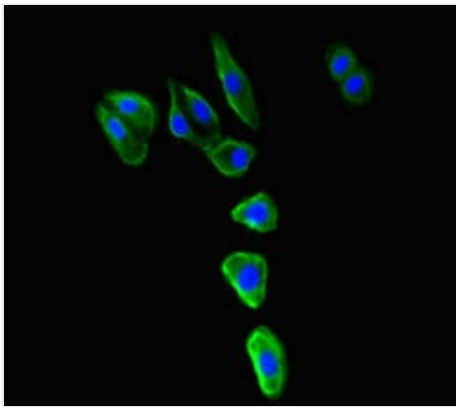
PRODUCT SYNONYMS

MR1; Polyclonal Antibody; MR1 Antibody; Major histocompatibility complex class I-related gene proteinMHC class I-related gene protein; Class I histocompatibility antigen-like protein; anti-MR1 antibody

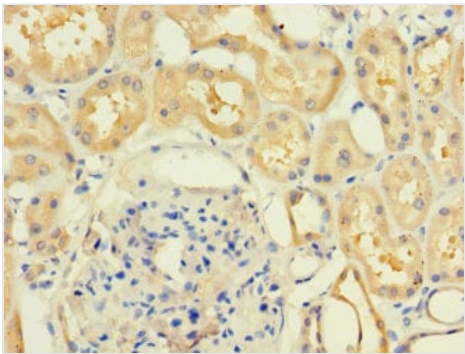
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	296
Applicable Applications for anti-MR1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Major histocompatibility complex class I-related gene protein
Conjugate	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-292077
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

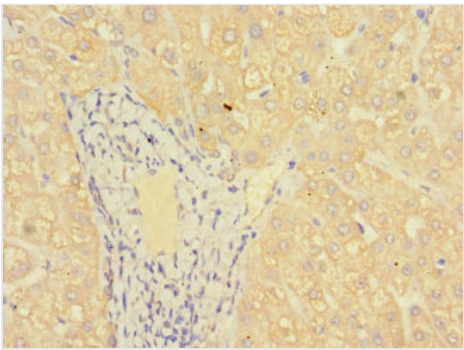
IMAGES



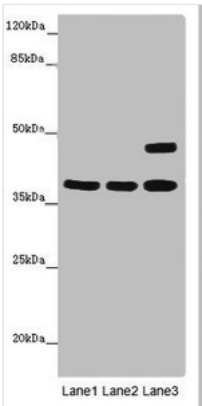
IF (Immunofluorescence)
Immunofluorescent analysis of HepG-2 cells using AAA231410 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human kidney tissue using AAA231410 at dilution 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded AAA231410 using human liver tissue at dilution 1:100



WB (Western Blot)
Western blotAll lanes: MR1 antibody at 6 ug/mlLane 1: Thp-1 whole cell lysateLane 2: K562 whole cell lysateLane 3: Mouse brain tissueSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 40,35,29,26 kDaObserved band size: 39,45 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-MR1 antibody	Antigen-presenting molecule specialized in presenting microbial vitamin B metabolites. Involved in the development and expansion of a small population of T-cells expressing an invariant T-cell receptor alpha chain called mucosal-associated invariant T-cells (MAIT). MAIT lymphocytes are preferentially located in the gut lamina propria and therefore may be involved in monitoring commensal flora or serve as a distress signal. Expression and MAIT cell recognition seem to be ligand-dependent.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	303324539
NCBI GeneID	3140
NCBI Accession #	NP_001181928.1
NCBI GenBank Nucleotide #	NM_001194999.1
UniProt Accession #	Q95460; O97985; O97986; Q53GM1; Q95HB8; Q9MY23; Q9NPL2; Q9TQB3; Q9TQB9; Q9TQK3; A8K2V9; B4E3B1
Molecular Weight	25,190 Da
NCBI Official Full Name	major histocompatibility complex class I-related gene protein isoform 2
NCBI Official Synonym Full Names	major histocompatibility complex, class I-related

NCBI Official Symbol	MR1
NCBI Official Synonym Symbols	HLALS
NCBI Protein Information	major histocompatibility complex class I-related gene protein
UniProt Protein Name	Major histocompatibility complex class I-related gene protein
UniProt Gene Name	MR1
UniProt Synonym Gene Names	MHC class I-related gene protein
UniProt Entry Name	HMR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mr1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/231410>