

Rabbit MR1 Polyclonal Antibody | anti-MR1 antibody

MR1 Polyclonal Antibody

CATALOG # AAA179447	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
-------------------------------	-----------------------	--	---

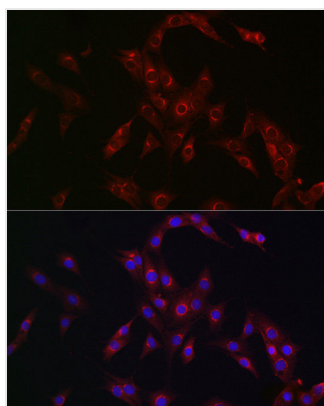
PRODUCT SYNONYMS

MR1; Polyclonal Antibody; MR1 Polyclonal Antibody; HLALS; anti-MR1 antibody

PRODUCT SPECIFICATIONS

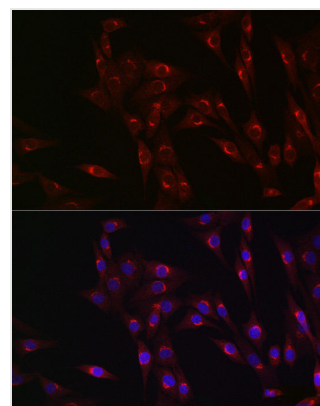
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-MR1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human MR1
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



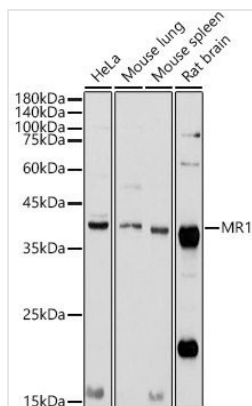
IF (Immunofluorescence)

Immunofluorescence analysis of PC-12 cells using MR1 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using MR1 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines using MR1 Polyclonal Antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-MR1 antibody

MAIT (mucosal-associated invariant T-cells) lymphocytes represent a small population of T-cells primarily found in the gut. The protein encoded by this gene is an antigen-presenting molecule that presents metabolites of microbial vitamin B to MAITs. This presentation may activate the MAITs to regulate the amounts of specific types of bacteria in the gut. Several transcript variants encoding different isoforms have been found for this gene, and a pseudogene of it has been detected about 36 kbp upstream on the same chromosome.

Product Categories/Family for anti-MR1 antibody

[Antibodies](#); [Primary Antibodies](#); [Polyclonal Antibody](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504417
NCBI GeneID	3140
NCBI Accession #	NP_001522.1
NCBI GenBank Nucleotide #	NM_001531.2
UniProt Accession #	Q95460 ; O97985 ; O97986 ; Q53GM1 ; Q95HB8 ; Q9MY23 ; Q9NPL2 ; Q9TQB3 ; Q9TQB9 ; Q9TQK3 ; A8K2V9 ; B4E3B1
Molecular Weight	39,366 Da
NCBI Official Full Name	major histocompatibility complex class I-related gene protein isoform 1
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; MHC class I-like antigen MR-1; MHC class I-related gene protein; MHC class-I related-gene protein; class I histocompatibility antigen-like protein; major histocompatibility complex, class I-li
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/mr1-antibody-immunofluorescence-western-blot-elisa/179447>