



Anti-Human MIA-2

20150223ML



FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	102-P240
Size:	100 µg
Lot. No.:	According to product label

Preparation: Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant human MIA-2. Anti-Human MIA-2 specific antibody was purified by affinity chromatography employing immobilized human MIA-2 matrix.

Target Background

Synonyms (Target):	MIA2
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MIA2 is a secreted cytokine and a member of the MIA/OTOR family. Members of this family which also includes MIA, OTOR, and TANGO share a Src homology-3 (SH3)-like domain. MIA2 is predominantly expressed in hepatocytes. Elevated levels of MIA2 may represent a clinically useful marker for diagnosis of hepatic disease activity and severity. Recombinant human MIA-2 is a 101 amino acid, 11.5 kDa protein comprising the MIA homologous N-terminal region of the full length MIA-2 protein.

Database References Target

Protein RefSeq:	NP_473365
Uniprot ID:	Q96PC5
mRNA RefSeq:	NM_054024

Product Specifications

Species reactivity	Human
Clone/Ab feature	Rabbit IgG
Cross reactivity	Human
Host	Rabbit
Clonality	Polyclonal Antibody
Purification	Antigen-affinity purified
Immunogen	Recombinant Human MIA-2
Formulation	lyophilized from PBS
Reconstitution buffer	water

Reconstitution: Reconstitute the antibody in sterile water to a concentration of 0.1 - 1.0 mg/ml.

Stability: The lyophilized antibody is stable for at least 2 years from date of receipt at -20°C. The reconstituted antibody is stable for at least two weeks at 2-8°C. Frozen aliquots are stable for at least 6 months when stored at -20°C.



AVOID REPEATED FREEZE AND THAW CYCLES!

Applications

Western Blot: To detect MIA-2 by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant MIA-2 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.

ELISA:

Indirect: To detect MIA-2 by indirect ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of at least 0.2 - 0.4 ng/well of recombinant MIA-2.

Sandwich: To detect MIA-2 by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with an appropriate secondary conjugated antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant MIA-2.

NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!