

Product datasheet for **AP01153BT-S**

MIA2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	ELISA: Direct: To detect hMIA-2 (using 100 µl/well antibody solution) a concentration of 0.25 - 1.0 µg/ml of this antibody is required. In conjunction with compatible secondary reagents, it allows the detection of at least 0.2 - 0.4 ng/well of recombinant hMIA-2. Sandwich: To detect hMIA-2 (using 100 µl/well antibody solution) a concentration of 0.25 - 1.0 µg/ml of this antibody is required. In conjunction with Polyclonal Anti-Human MIA-2 as a capture antibody, it allows the detection of at least 0.2 - 0.4 ng/well of recombinant hMIA-2. Western blot: To detect hMIA-2 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 hMIA-2 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Highly pure (> 98 %) recombinant human MIA-2
Specificity:	This antibody detects MIA-2.
Formulation:	PBS, pH 7.2 Label: Biotin State: Sterile filtered lyophilized Ig fraction
Reconstitution Method:	Centrifuge vial prior to opening. Restore in sterile PBS containing 0.1 % BSA to a concentration of 0.1 - 1.0 mg/ml.
Purification:	Affinity chromatography
Conjugation:	Biotin
Storage:	Store the lyophilized antibody at -20 °C. Following reconstitution it is stable for two weeks at 2 - 8 °C. Frozen aliquots are stable for 6 months when stored at -20 °C. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.



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Gene Name:	CTAGE family member 5
Database Link:	Entrez Gene 4253 Human Q96PC5
Background:	MIA2 (Melanoma inhibitory activity 2) is a secreted cytokine and a member of the MIA/OTOR family. It is predominantly expressed in hepatocytes and may play a role in the pathophysiology of liver disease. Elevated levels of MIA2 may represent a clinically useful marker for diagnosis of hepatic disease activity and severity. MIA2 may act as a tumor suppressor in hepatocellular carcinoma.
Synonyms:	Melanoma inhibitory activity protein 2