

Product datasheet for **AP01153PU-N**

MIA2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	<p>Indirect ELISA: To detect hMIA-2 (using 100µl/well antibody solution) a concentration of 0.5 - 2.0 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.</p> <p>Sandwich ELISA: To detect hMIA-2 (using 100µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. In conjunction with Biotinylated Anti-Human MIA-2 as a detection antibody, it allows the detection of at least 0.2 - 0.4 ng/well of recombinant hMIA-2.</p> <p>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.</p>
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Highly pure (> 98 %) E.coli derived 11.5 kDa recombinant human MIA-2
Specificity:	This antibody detects MIA-2.
Formulation:	<p>PBS, pH 7.2 without preservatives.</p> <p>State: Aff - Purified</p> <p>State: Sterile filtered lyophilized Ig fraction</p>
Reconstitution Method:	Centrifuge vial prior to opening. Restore in sterile water to a concentration of 0.1 - 1.0 mg/ml.
Purification:	Immunoaffinity chromatography
Conjugation:	Unconjugated
Storage:	<p>Store lyophilized at 2-8°C for 6 months or at -20°C long term.</p> <p>After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term.</p> <p>Avoid repeated freezing and thawing.</p>
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