

**Anti-MAGP-2 (RABBIT) Antibody**  
**MAGP-2 Antibody**  
**Catalog # ASR5358****Specification**

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**Anti-MAGP-2 (RABBIT) Antibody - Product Information**

Host	Rabbit
Conjugate	Unconjugated
Target Species	Human
Reactivity	Chimpanzee, Human
Clonality	Polyclonal
Application	WB, E, I, LCI
Application Note	This affinity-purified antibody has been tested for use in ELISA and western blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 20-30 kDa in size corresponding to MAGP-2 protein by western blotting in the appropriate cell lysate or extract.
Physical State	Liquid (sterile filtered)
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Immunogen	This affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to a region near the carboxy terminal end of human MAGP-2 protein.
Preservative	0.01% (w/v) Sodium Azide

**Anti-MAGP-2 (RABBIT) Antibody - Additional Information****Gene ID** 8076**Other Names**  
8076**Purity**

This affinity-purified antibody is directed against human MAGP-2 protein. The product was affinity purified from monospecific antiserum by immunoaffinity purification. A BLAST analysis was used to suggest cross reactivity with MAGP-2 protein from human and chimpanzee based on 100% homology with the immunizing sequence. Expect partial reactivity with MAGP-2 from mouse, dog and rat sources based on partial (~75%) sequence homology. Reactivity against homologues from other sources is not known.

**Storage Condition**

Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted

liquid. Dilute only prior to immediate use.

#### Precautions Note

This product is for research use only and is not intended for therapeutic or diagnostic applications.

### Anti-MAGP-2 (RABBIT) Antibody - Protein Information

**Name** MFAP5

**Synonyms** MAGP2

#### Function

May play a role in hematopoiesis. In the cardiovascular system, could regulate growth factors or participate in cell signaling in maintaining large vessel integrity (By similarity). Component of the elastin-associated microfibrils (PubMed:<a href="http://www.uniprot.org/citations/8557636" target="\_blank">8557636</a>).

#### Cellular Location

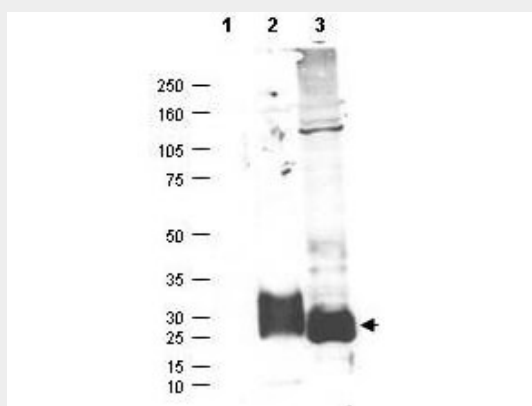
Secreted, extracellular space, extracellular matrix

### Anti-MAGP-2 (RABBIT) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Anti-MAGP-2 (RABBIT) Antibody - Images



Western blot using Rockland's affinity purified anti-MAGP-2 antibody shows detection (arrowhead) of secreted MAGP-2 (lane 2) and MAGP-2 present in a MAGP-2 transfected HEK293 lysate (lane 3). No staining is detected in supernatants from non-transfected cells (lane 1). After SDS-PAGE and transfer, the membrane was probed with the primary antibody diluted to 1:100 in TBST with 5%

BSA overnight at 4° C. Personal Communication, Michael Birrer, CCR-NCI, Bethesda, MD

### **Anti-MAGP-2 (RABBIT) Antibody - Background**

This antibody is designed, produced, and validated as part of a collaboration between Rockland and the National Cancer Institute (NCI) and is suitable for Cancer, Immunology and Nuclear Signaling research. MAGP-2 (also known as Microfibril-associated glycoprotein 2, MFAP-2, MP25 and Microfibrillar-associated protein 5 precursor) is a secreted, extracellular matrix protein which is a component of the elastin-associated microfibrils. It forms intermolecular disulfide bonds either with other MAGP-2 molecules or with other components of the microfibrils. MAGP-2 is upregulated in some ovarian cancers and is associated with poor survival of ovarian cancer patients.