

Anti-MAGP-2 MFAP5 Antibody

Catalog Number: A07400

About MFAP5

This antibody 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.

Overview

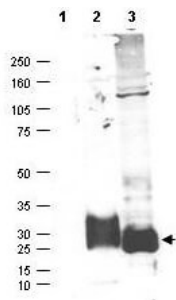
Product Name	Anti-MAGP-2 MFAP5 Antibody
Reactive Species	Human, Chimpanzee
Description	Boster Bio Anti-MAGP-2 MFAP5 Antibody (Catalog # A07400). Tested in ELISA, WB applications. This antibody reacts with Human, Chimpanzee.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 0.01% (w/v) Sodium Azide
Storage Instructions	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. Expiration date is one (1) year from date of opening. (Ship on dry ice.)
Host	Rabbit
Uniprot ID	Q13361

Technical Details

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.
Predicted Reactive Species	Chimpanzee
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid (sterile filtered)
Concentration	0.95 mg/mL by UV absorbance at 280 nm

Purification	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.
Suggested Dilutions	ELISA: 1:5,000 - 1:20,000 WB: 1:250 - 1:1,000 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.

Anti-MAGP-2 MFAP5 Antibody (A07400) Images



Western blot using Boster'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

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Anti-MAGP-2 MFAP5 Antibody

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