



## Anti-Human EMAP-II

20150223ML



**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

<b>Cat.-no.:</b>	<b>102-P114G</b>
Size:	100 µg
Lot. No.:	According to product label

**Preparation:** Produced from sera of goats pre-immunized with highly pure (>98%) recombinant hEMAP-II. Anti-hEMAP-II specific antibody was purified by affinity chromatography employing immobilized hEMAP-II matrix.

### Target Background

<b>Synonyms (Target):</b>	AIMP1; p43; HLD3; EMAP2; SCYE1; EMAPII
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EMAPII is a proinflammatory cytokine that is chemotactic for monocytes and granulocytes. It is a cleavage product of multisynthetase complex auxiliary component p43.

#### Database References Target

<b>Protein RefSeq:</b>	NP_004748
<b>Uniprot ID:</b>	Q12904
<b>mRNA RefSeq:</b>	NM_004757

### Product Specifications

<b>Species reactivity</b>	Human
<b>Clone/Ab feature</b>	Goat IgG
<b>Cross reactivity</b>	Human
<b>Host</b>	Goat
<b>Clonality</b>	Polyclonal Antibody
<b>Purification</b>	Antigen-affinity purified
<b>Immunogen</b>	Recombinant Human EMAP-II
<b>Formulation</b>	lyophilized from PBS
<b>Reconstitution buffer</b>	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 human EMAP-II 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 human EMAP-II is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.

#### ELISA:

**Indirect:** To detect human EMAP-II 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 human EMAP-II.

**Sandwich:** To detect human EMAP-II 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 compatible secondary reagent as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant human EMAP-II.

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