

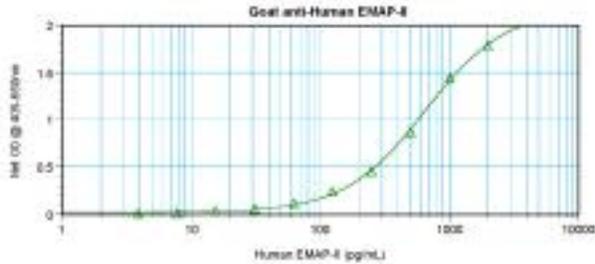
## AIMP1

### Goat Anti-Human EMAP-II Affinity Purified pAb

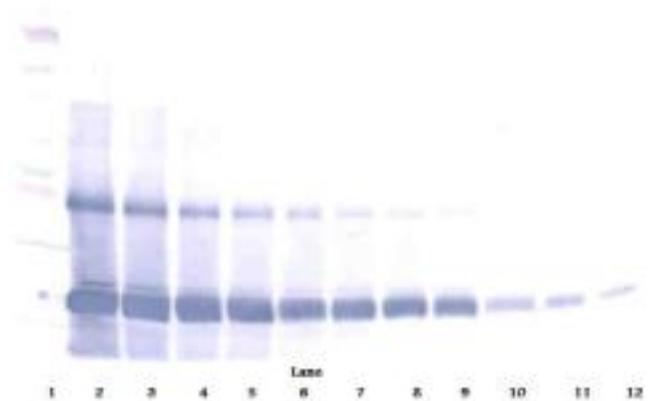
<b>Catalog No.</b>	CPE200	<b>Quantity:</b>	100 µg
<b>Alternate Names:</b>	Endothelial-monocyte activating polypeptide II, EMAP2, EMAPII, small inducible cytokine subfamily E, member 1, SCYE1, aminoacyl tRNA synthetase complex-interacting multifunctional protein 1, AIMP1, p43, HLD3		
<b>Description:</b>	EMAP-II is a cytokine that is specifically induced by apoptosis and is involved in the control of angiogenesis, inflammation, and wound healing. The release of this cytokine renders the tumor-associated vasculature sensitive to tumor necrosis factor. The precursor protein is identical to the p43 subunit, which is associated with the multi-tRNA synthetase complex, and it modulates aminoacylation activity of tRNA synthetase in normal cells. This protein is also involved in the stimulation of inflammatory responses after proteolytic cleavage in tumor cells.		
<b>UniProt ID:</b>	Q12904		
<b>Immunogen:</b>	Recombinant human EMAP-II, >98% pure		
<b>Isotype:</b>	Goat IgG		
<b>Formulation:</b>	Lyophilized from a sterile filtered solution (1 mg/ml) in 0.5x PBS, pH 7.2		
<b>Purification:</b>	Antigen affinity chromatography		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Add sterile distilled water to the vial to fully solubilize the protein to a concentration of 0.1-1.0 mg/ml.		
<b>Applications:</b>	Western Blot, ELISA		
<b>Application Notes:</b>	<p>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.</p> <p>To detect human EMAP-II by direct ELISA (using 100 µl/well antibody solution), a concentration of at least 0.5 µg/ml of this antibody is required. This antibody, in conjunction with compatible secondary reagents, allows the detection of 0.2-0.4 ng/well of recombinant human EMAP-II.</p> <p>For each specific application, the optimal concentration should be determined by the user.</p>		
<b>Storage &amp; Stability:</b>	Store at -20°C for at least 1 year when stored at -20°C. After reconstitution, stable for 2 weeks at 2-8°C and for at least 6 months when stored at -20°C. <b>Avoid repeated freeze-thaw cycles.</b>		



Sandwich ELISA using CPE200, detection limit of 2-4 ng/ml hEMAP-II



Western blot for hEMAP-II using CPE200 at 0.1-0.2 µg/ml



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