

EMAPII/AIMP1 Monoclonal Antibody

catalog number: AN200182P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

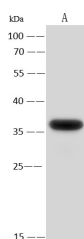
Description

Reactivity	Human
Immunogen	Recombinant Human EMAPII/AIMP1 Protein
Host	Mouse
Isotype	IgG1
Clone	6A3
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS

Applications Recommended Dilution

WB	1:500-1:2000
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Data



Western Blot with EMAP II/AIMP1 Monoclonal Antibody at dilution of 1:500 dilution. Lane A: HepG2 Whole Cell Lysate, Lysates/proteins at 30 µg per lane.

Observed-MW:36 kDa

Calculated-MW:34 kDa

Preparation & Storage

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

Background

The protein encoded by this gene is a cytokine that is specifically induced by apoptosis, and it 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. Multiple transcript variants encoding different isoforms have been found for this gene. A pseudogene has been identified on chromosome 20.

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